# **Vital**Stats

Public Higher Education **2018**

CHE

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The Council on Higher Education (CHE) is an independent statutory body established by the Higher Education Act, No. 101 of 1997 (as amended). The CHE is the Quality Council for Higher Education, advises the Minister responsible for Higher Education, Science and Technology on all higher education issues and is responsible for quality assurance and promotion through the Higher Education Quality Committee (HEQC).

# Foreword

In 2012 the Council on Higher Education (CHE) published the first VitalStats. This issue of *VitalStats, Public Higher Education, 2018* marks the ninth year of publishing this series. VitalStats provides the latest audited data available for the higher education sector in a user-friendly format. *VitalStats 2018* contains data covering the period 2013 to 2018. Most of the datasets in this publication are sourced from the Higher Education Management Information System (HEMIS). The CHE expresses appreciation to the Department of Higher Education and Training (DHET) for providing the HEMIS, as well as relevant financial and research data to the CHE for use in compiling *VitalStats*. The CHE is also thankful to Statistics South Africa (StatsSA) for population data and the National Student Financial Aid Scheme (NSFAS) for financial data.

*VitalStats 2018* keeps in line with previous issues in the series. The first four sections of the publication cover student data, showing the size and shape of the sector with graphs indicating enrolments and numbers of graduates according to race; gender; qualification type; field of study; institutional type and other relevant categories.

Section five (purple) provides data on staffing at public universities, disaggregated into various categories. Section six (turquoise) provides a cohort analyses of students that entered 360-credit diplomas, 3-year and 4-year degrees and postgraduate studies in 2013, tracking their throughput for the particular qualification types. Owing to the different regulation time associated with the mode of study (distance and often part-time) at the University of South Africa (UNISA), data for UNISA are considered separately in this section (as indicated on the relevant graphs). The CHE would like to thank Charles Sheppard for carrying out the cohort studies for this publication.

The last graph section of *VitalStats 2018* includes financial and research output data, including graphs showing NSFAS allocations. The publication also provides a glossary based on HEMIS definitions and appendices listing the Classification of Educational Subject Matter or CESM categories; the various universities by institutional type; a description of the cohort analysis methodology and lists of the uniform qualification classifications included in the analyses.

The role of the Monitoring and Evaluation Directorate staff, particularly Michael Gordon, in compiling *VitalStats 2018* is greatly appreciated. The CHE welcomes any feedback on this publication, which can be sent to Michael Gordon (Gordon.m@che.ac.za). The publication can also be downloaded from the CHE's website (www.che.ac.za).

Dr Amani Saidi

Acting Director: Monitoring and Evaluation

# Definitions

**Block grant:**

State subsidy to universities is divided into block and earmarked grants. Block grants are consolidated into a single transfer and the funds can be used for any legitimate university purpose. Currently block grants have four components: teaching input (based on enrolments), teaching output (based on graduations), research output (based on approved publications and research masters and doctoral graduations) and institutional factors (based on institution size and proportion of historically disadvantaged students).

**Classification of Educational Subject Matter or CESM categories:**

A set of classifications aiming to provide a single coherent system for categorising subject matter irrespective of the level of instruction or type of institution. For a list of first-order CESM categories, see Appendix 2.

**Cohort:**

The first-time entry students in a given year who have enrolled for a particular higher education programme.

**Comprehensive Universities (Comp):**

This refers to institutions that offer the full spectrum of programmes, including vocational, professional and general formative programmes at both undergraduate and postgraduate levels.

**Contact mode of delivery:**

This refers to courses involving personal interaction with institutional teachers or institutional supervisors, through lectures, tutorials, seminars, practicals, supervision, or other forms of required work, which occurs at the institution's premises or at a site of delivery of the institution.

**Course success rates:**

The success rate refers to the total number of courses passed by students in a given academic year relative to course enrolments. It is calculated by dividing the total number of FTE degree credits (courses completed) by FTE enrolments. These calculations, for a programme or for an institution as a whole, produce weighted average success rates.

**Distance mode of delivery:**

This refers to courses where the interaction with institutional teachers or institutional supervisors is undertaken remotely through the use of correspondence, telematics, or the internet.

**Earmarked funding:**

State subsidy to universities is divided into block and earmarked grants. Earmarked funds must be spent on the purposes for which they are designated. In recent years, some of the categories for earmarked

provision have been interest and redemption of government loans, infrastructure, teaching development, research development, foundation courses, clinical training of health professionals and veterinary science.

**Field of study:**

Enrolments are divided into four broad fields or areas of study, calculated by aggregating enrolments by CESM category as below. For a description of each CESM category, see Appendix 2:

- Science, Engineering and Technology (SET): CESM 01, 02, 06, 08, 09, 10, 13, 14, 15 & 16
- Business & Commerce (B&C): CESM 04
- Humanities (Hum): CESM 03, 05, 11, 12 ,17, 18, 19 & 20
- Education (Ed): CESM 07

**Full-time equivalent (FTE):**

FTE student enrolments are calculated (a) by assigning to each course a fraction representing the weighting it has in the curriculum of a qualification, and (b) by multiplying the headcount enrolment of that course by this fraction. FTE staff numbers are calculated in a similar way.

**Gross Domestic Product (GDP):**

This is the total market value of all goods and services produced in a country in a given year. The GDP includes all consumer, investment and government economic activity during that year. The value of exports is added to GDP and the value of imports is subtracted.

**Headcount:**

The total number of students enrolled at each institution whether as full-time, part-time or occasional students.

**National Student Financial Aid Scheme (NSFAS):**

NSFAS is the South African government student loan and bursary scheme which provides loans and bursaries to students at public universities and colleges.

**Nominal and real funding:**

Nominal funding refers to the actual amount of money given to a specific activity in Rand value for that specific year. Real funding relates the funding of a particular year relative to a base year, taking inflation into account. Real funding allows for a comparison of purchasing power over time as increases and decreases are compared to the base year.

**Occasional student:**

This is a person who satisfies the statutory requirements for entry into a formally approved qualification offered by the institution and who is effectively registered for an approved course, but who is not registered for an approved qualification. It includes persons enrolled for non-degree purposes.

**Participation rate or Gross Enrolment Ratios (GER):**

This is total headcount enrolment over the national population of 20-24 years old, calculated as a percentage. The term used by the Department of Higher Education and Training is *participation rate*. The National Plan for Higher Education (Department of Education: 2001) explains that: "The participation rate is calculated using the UNESCO standard, as the percentage of 20–24 year olds of the general population enrolled in higher education".

**Percentage accumulative (for Cohort Study):**

This indicates (in the relevant graphs) the total number of students of a particular first-time entering cohort who have graduated or dropped out up to that point. It includes all the students of that cohort who have graduated or dropped out in previous years.

**Percentage non-accumulative (for Cohort Study):**

This indicates (in the relevant graphs) the total number of students of a particular first-time entering cohort who have graduated or dropped out in that particular year. It does not include the students of that cohort who have graduated or dropped out in previous years.

**Permanent employee:**

A person is classified as a permanent staff member if he/she contributes to an approved retirement fund of the institution.

**Personnel categories:**

The personnel category indicates the type of duties to be undertaken in a position which a staff member occupies in the institution, and the qualifications and experience normally required by the incumbent of that position. The duties, qualifications and experience referred to relate to those of the position. The personnel categories are:

*Instruction/research professional (Academic):* A position in which (a) at least 50% of time is spent on instruction and/or research activities, and (b) the position requires a higher education qualification equivalent to at least 4 years of higher education study.

*Executive/administrative/managerial professional (Senior Management):* A position in which (a) the primary function is the management of the institution or one of its major divisions or sections, and (b) the position requires an educational attainment equivalent to at least 4 years of higher education study.

*Non-professional administration (Administrative):* A position in which (a) the primary function is clerical, secretarial or administrative duties, and (b) an educational attainment equivalent to 4 years of higher education study is not required.

*Service staff:* A group of staff for whom the primary function comprises unskilled activities.

**Postgraduate:**

Postgraduate qualifications include Postgraduate Diplomas and Honours, Masters and Doctoral degrees.

**Qualification**:

A qualification is the certificate, diploma or degree which an institution awards to a student on the successful completion of an accredited programme of study of 120 credits or more.

**Qualification types:**

This refers to the different types of certificates, diplomas and degrees offered by higher education institutions that conform to the specifications for nine such types on the Higher Education Qualifications Sub-Framework (HEQSF). An explanation of the types of qualifications and requirements for the awarding of the qualification can be found in the HEQSF.

**Research output unit (RO):**

The research output unit is a proxy for the amount of research produced, calculated for subsidy purposes. Public universities accrue research output units based on the number of publications and postgraduate outputs produced in a specific year. The *Policy and procedures for measurement of research output of public higher education institutions (2003)* determines the number of units awarded for different recognised publication types.

**Staff members:**

A staff member is a person who is either compensated by the institution by pay or other means for services rendered, or who, while not being paid or compensated by the institution, performs services which relate to the institution's normal activities and those activities which would otherwise have been performed by staff receiving compensation from the institution.

**Student: staff ratio:**

This refers to the average number of students per academic staff member and gives an indication of the average teaching load carried by each academic staff member. It is calculated by dividing the number of FTE academic staff by the number of FTE students.

**Temporary employee:**

All staff members who do not contribute to an approved retirement fund of the institution are classified as having temporary employment status.

**Third stream income:**

This refers to all university income derived from sources other than state subsidy or student tuition fees. It is also sometimes called private income. Sources of third steam income are diverse and can include donations or endowments; money earned through contract research or entrepreneurial activity; and income from investments.

**Throughput rates:**

The throughput rate calculates the number of first-time entry undergraduate students of a specific cohort of a specific year who have graduated either within the minimum time, or up to 2 years beyond the minimum time, to the number of students in the baseline enrolments of that cohort. Throughput rates are reflected in the section on cohort studies.

**Traditional Universities (Trad):**

This refers to institutions that offer a broad range of general formative and professional programmes at both undergraduate and postgraduate levels.

**Undergraduate**:

A student engaged in an undergraduate qualification at a university, namely a first or entry qualification, including certain certificate programmes, diplomas and Bachelor degrees.

**Universities of Technology (UoT):**

This refers to institutions (previously called Technikons) that offer a range of programmes that are vocationally and/ or professionally-orientated, primarily at the undergraduate level.

**Weighted research output:**

Research funding for public universities is based research output units accrued by an institution in a specific year. Units are awarded based on the number of publications an institution produces as well as the number of research masters and doctoral graduates in that year. When calculating weighted research output for the given year, the number of doctoral graduates is multiplied by three, while the units for publications and research masters graduates are multiplied by one.

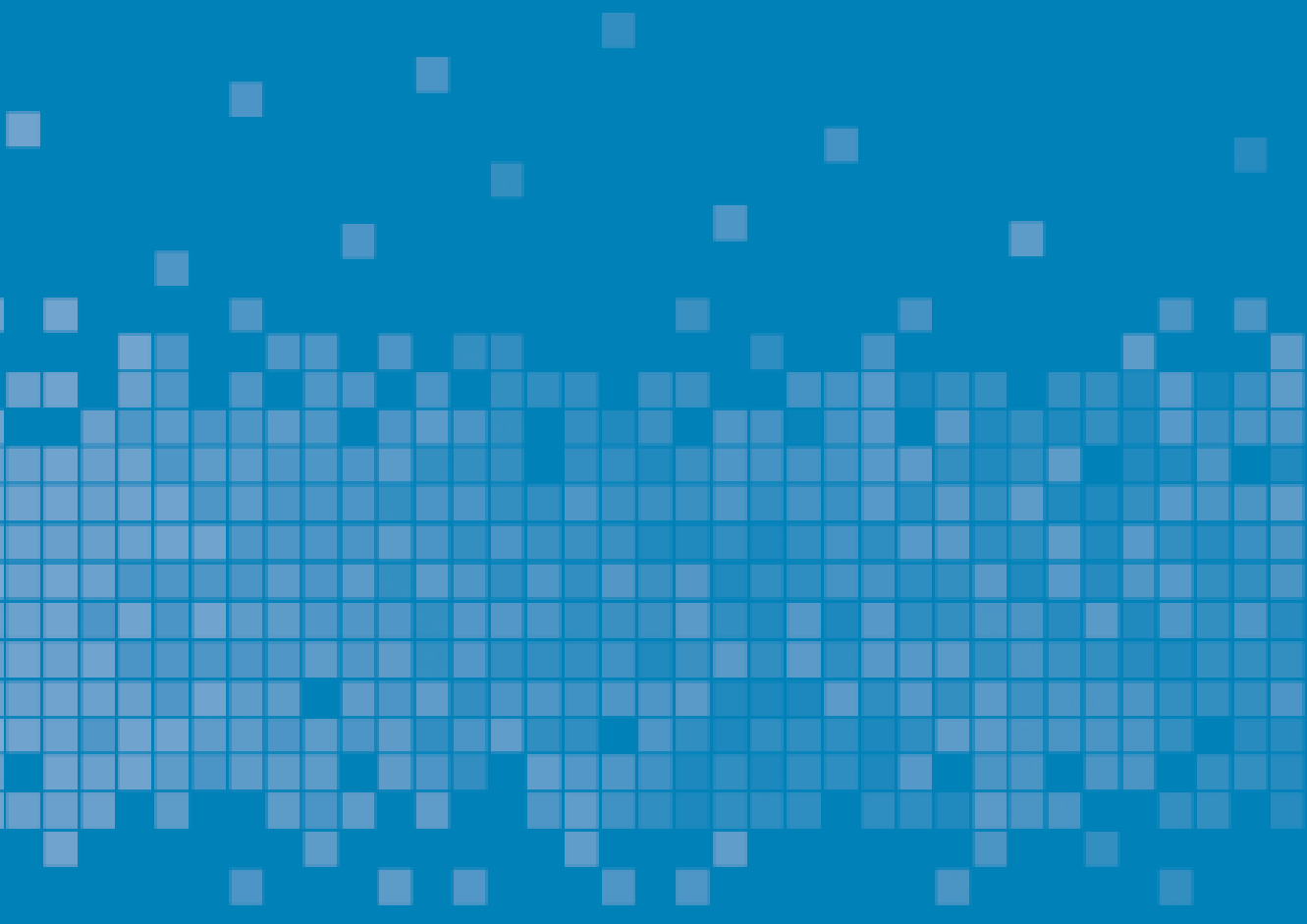# STUDENT ENROLMENT AND COMPLETION DATA

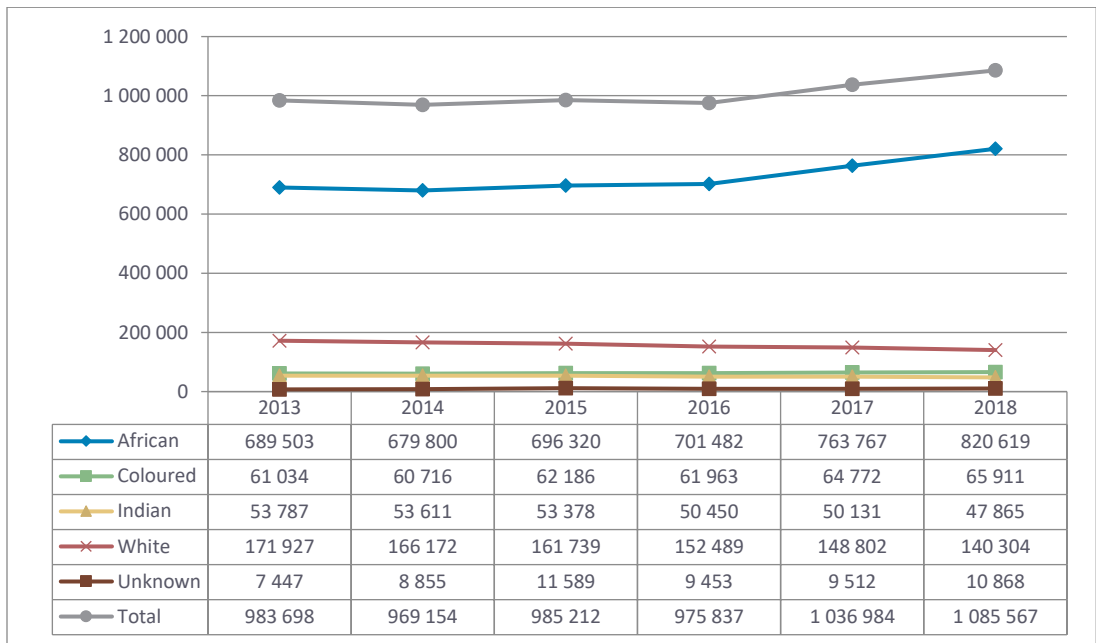Figure 1: Headcount enrolments by race from 2013 to 2018*

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| African | 689 503 | 679 800 | 696 320 | 701 482 | 763 767 | 820 619 |
| Coloured | 61 034 | 60 716 | 62 186 | 61 963 | 64 772 | 65 911 |
| Indian | 53 787 | 53 611 | 53 378 | 50 450 | 50 131 | 47 865 |
| White | 171 927 | 166 172 | 161 739 | 152 489 | 148 802 | 140 304 |
| Unknown | 7 447 | 8 855 | 11 589 | 9 453 | 9 512 | 10 868 |
| Total | 983 698 | 969 154 | 985 212 | 975 837 | 1 036 984 | 1 085 567 |

Figure 2: Headcount enrolments by gender from 2013 to 2018

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| Men | 409 988 | 404 365 | 410 523 | 408 697 | 430 065 | 444 040 |
| Women | 573 698 | 564 784 | 574 677 | 567 119 | 606 898 | 641 491 |
| Total | 983 698 | 969 154 | 985 212 | 975 837 | 1 036 984 | 1 085 567 |

* The categories for race and gender is as applied in HEMIS. The Unknown category is not displayed, but not omitted. Rounded off percentages may not always add up to 100%.
The most recent HEMIS data in this section were extracted by DHET in November 2019.

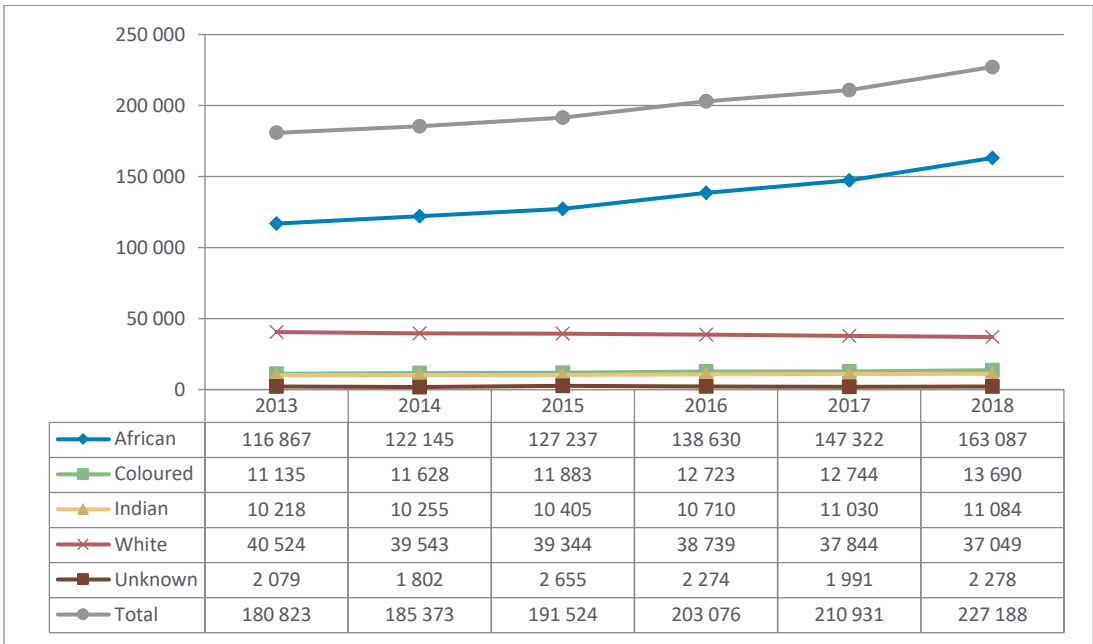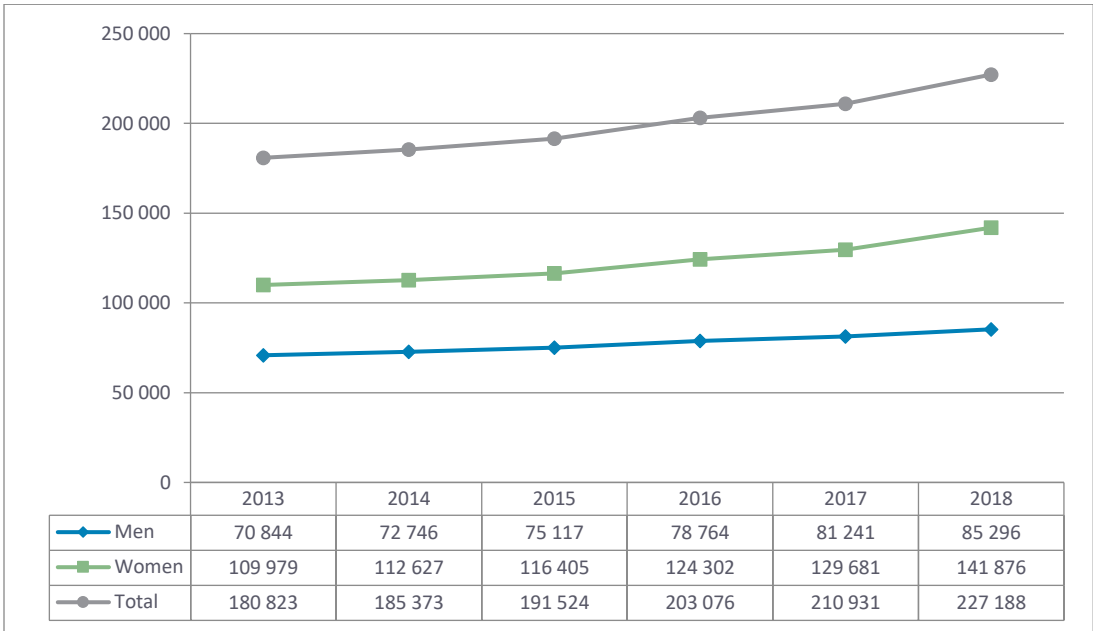Figure 3: Headcount graduates by race from 2013 to 2018*

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| African | 116 867 | 122 145 | 127 237 | 138 630 | 147 322 | 163 087 |
| Coloured | 11 135 | 11 628 | 11 883 | 12 723 | 12 744 | 13 690 |
| Indian | 10 218 | 10 255 | 10 405 | 10 710 | 11 030 | 11 084 |
| White | 40 524 | 39 543 | 39 344 | 38 739 | 37 844 | 37 049 |
| Unknown | 2 079 | 1 802 | 2 655 | 2 274 | 1 991 | 2 278 |
| Total | 180 823 | 185 373 | 191 524 | 203 076 | 210 931 | 227 188 |

Figure 4: Headcount graduates by gender from 2013 to 2018

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| Men | 70 844 | 72 746 | 75 117 | 78 764 | 81 241 | 85 296 |
| Women | 109 979 | 112 627 | 116 405 | 124 302 | 129 681 | 141 876 |
| Total | 180 823 | 185 373 | 191 524 | 203 076 | 210 931 | 227 188 |

* The categories for race and gender is as applied in HEMIS. The Unknown category is not displayed, but not omitted. Rounded off percentages may not always add up to 100%.

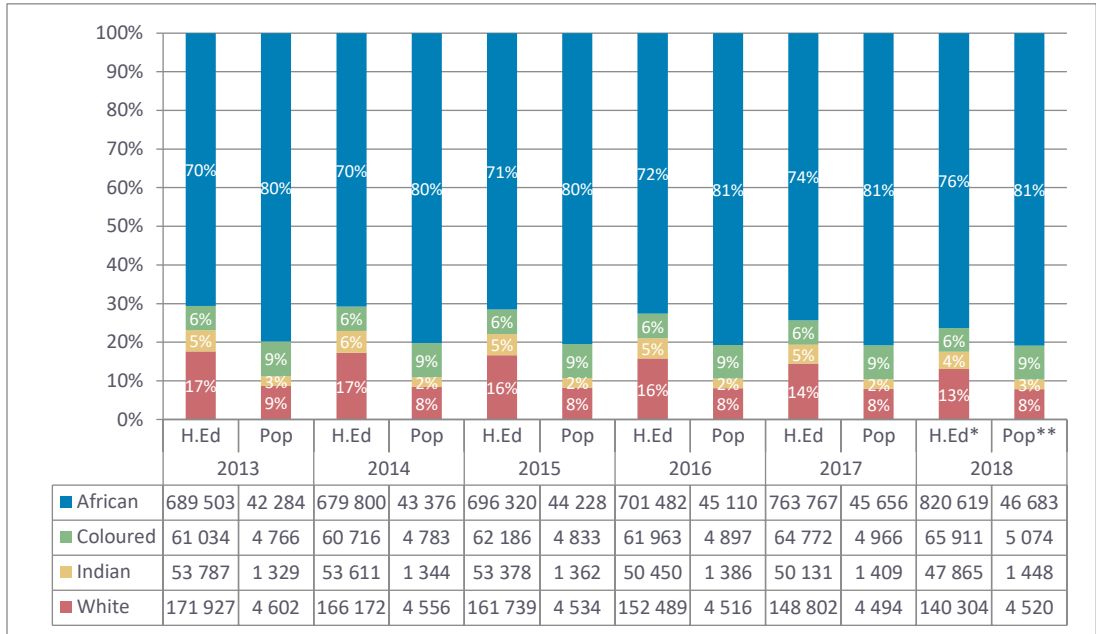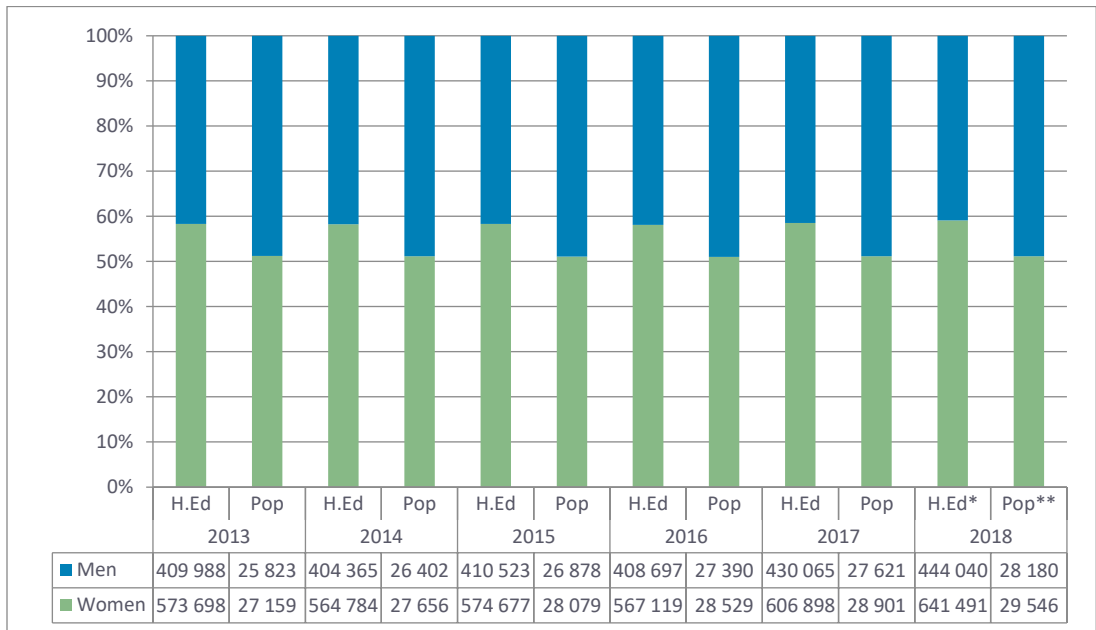Figure 5: Headcount enrolments as a proportional comparison to population headcount by race from 2013 to 2018

| | H.Ed | Pop | H.Ed | Pop | H.Ed | Pop | H.Ed | Pop | H.Ed | Pop | H.Ed* | Pop** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2013 | | 2014 | | 2015 | | 2016 | | 2017 | | 2018 | |
| African | 689 503 | 42 284 | 679 800 | 43 376 | 696 320 | 44 228 | 701 482 | 45 110 | 763 767 | 45 656 | 820 619 | 46 683 |
| Coloured | 61 034 | 4 766 | 60 716 | 4 783 | 62 186 | 4 833 | 61 963 | 4 897 | 64 772 | 4 966 | 65 911 | 5 074 |
| Indian | 53 787 | 1 329 | 53 611 | 1 344 | 53 378 | 1 362 | 50 450 | 1 386 | 50 131 | 1 409 | 47 865 | 1 448 |
| White | 171 927 | 4 602 | 166 172 | 4 556 | 161 739 | 4 534 | 152 489 | 4 516 | 148 802 | 4 494 | 140 304 | 4 520 |

Figure 6: Headcount enrolments as a proportional comparison to population headcount by gender from 2013 to 2018

| | H.Ed | Pop | H.Ed | Pop | H.Ed | Pop | H.Ed | Pop | H.Ed | Pop | H.Ed* | Pop** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2013 | | 2014 | | 2015 | | 2016 | | 2017 | | 2018 | |
| Men | 409 988 | 25 823 | 404 365 | 26 402 | 410 523 | 26 878 | 408 697 | 27 390 | 430 065 | 27 621 | 444 040 | 28 180 |
| Women | 573 698 | 27 159 | 564 784 | 27 656 | 574 677 | 28 079 | 567 119 | 28 529 | 606 898 | 28 901 | 641 491 | 29 546 |

* Higher education.
** Population numbers are in thousands.

Figure 7: Proportion of population age cohort (participation rates) by race from 2013 to 2018
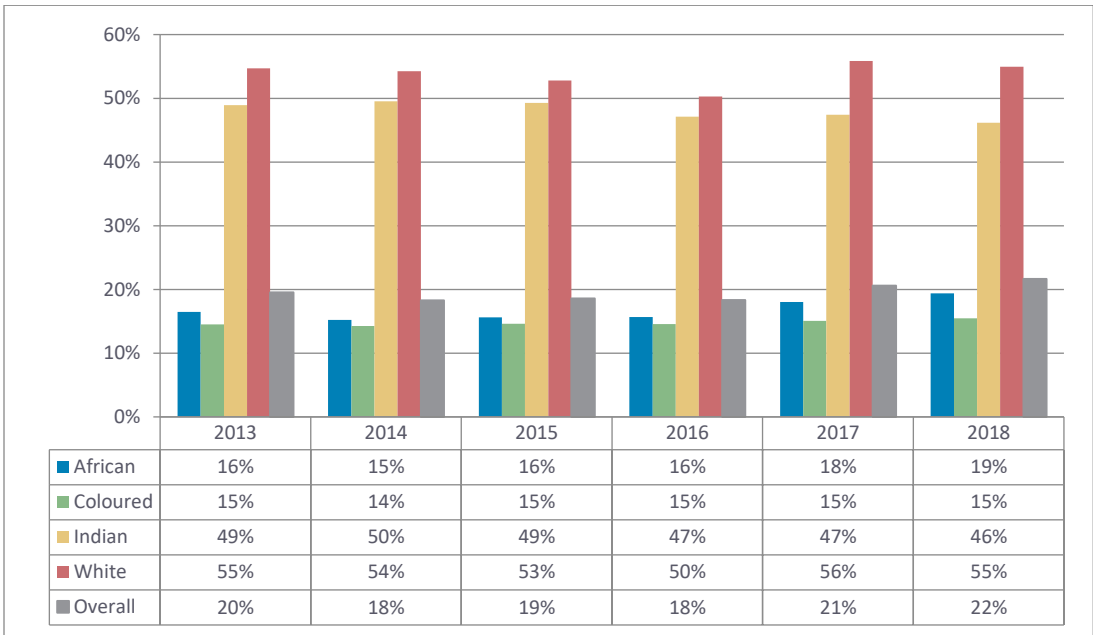
| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| African | 16% | 15% | 16% | 16% | 18% | 19% |
| Coloured | 15% | 14% | 15% | 15% | 15% | 15% |
| Indian | 49% | 50% | 49% | 47% | 47% | 46% |
| White | 55% | 54% | 53% | 50% | 56% | 55% |
| Overall | 20% | 18% | 19% | 18% | 21% | 22% |

Figure 8: Proportion of population age cohort (participation rates) by gender from 2013 to 2018

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| Men | 16% | 15% | 15% | 15% | 17% | 18% |
| Women | 23% | 21% | 22% | 21% | 24% | 25% |
| Overall | 20% | 18% | 19% | 18% | 21% | 22% |

Figure 9: Headcount enrolments by age group from 2013 to 2018



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| < 20 | 170 099 | 176 140 | 176 173 | 179 254 | 189 278 | 199 837 |
| 20 - 24 | 369 273 | 371 701 | 383 651 | 388 276 | 413 723 | 440 956 |
| 25 - 35 | 273 203 | 263 877 | 270 426 | 261 290 | 284 594 | 298 638 |
| > 35 | 171 123 | 157 435 | 154 962 | 147 017 | 149 389 | 146 136 |

Figure 10: Headcount graduates by age group from 2013 to 2018



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| < 20 | 4 085 | 2 906 | 2 814 | 4 231 | 5 395 | 7 318 |
| 20 - 24 | 93 305 | 99 055 | 102 715 | 106 771 | 112 088 | 120 870 |
| 25 - 35 | 48 214 | 50 948 | 54 638 | 59 840 | 62 331 | 67 736 |
| > 35 | 35 219 | 32 464 | 31 357 | 32 234 | 31 117 | 31 264 |
| Total | 180 823 | 185 373 | 191 524 | 203 076 | 210 931 | 227 188 |

Figure 11: Headcount enrolments of all non-South African students from 2013 to 2018



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| SADC | 53 800 | 52 947 | 52 878 | 49 403 | 48 641 | 45 152 |
| Other African | 11 922 | 11 947 | 12 128 | 11 895 | 11 693 | 11 238 |
| Rest of world | 6 727 | 6 640 | 6 742 | 6 649 | 6 053 | 5 909 |
| Unknown | 1 410 | 1 465 | 1 212 | 1 434 | 1 649 | 2 227 |
| Total | 73 859 | 72 999 | 72 960 | 69 381 | 68 036 | 64 526 |

Figure 12: Headcount graduates of all non-South African students from 2013 to 2018



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| SADC | 53 800 | 52 947 | 52 878 | 49 403 | 48 641 | 45 152 |
| Other African | 11 922 | 11 947 | 12 128 | 11 895 | 11 693 | 11 238 |
| Rest of world | 6 727 | 6 640 | 6 742 | 6 649 | 6 053 | 5 909 |
| Unknown | 1 410 | 1 465 | 1 212 | 1 434 | 1 649 | 2 227 |
| Total | 73 859 | 72 999 | 72 960 | 69 381 | 68 036 | 64 526 |

Figure 13: Headcount enrolments by mode of delivery from 2013 to 2018



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| Contact | 581 048 | 596 824 | 605 480 | 638 001 | 659 970 | 685 068 |
| Distance | 402 556 | 372 142 | 379 716 | 337 719 | 376 925 | 400 295 |
| Total | 983 698 | 969 154 | 985 212 | 975 837 | 1 036 984 | 1 085 567 |

Figure 14: Headcount graduates by mode of delivery from 2013 to 2018



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| Contact | 133 375 | 137 637 | 141 244 | 148 696 | 156 214 | 163 571 |
| Distance | 47 420 | 47 691 | 50 273 | 54 321 | 54 682 | 63 552 |
| Total | 180 823 | 185 373 | 191 524 | 203 076 | 210 931 | 227 188 |

Figure 15: Headcount enrolments by mode of delivery and race for 2013 and 2018

| | Contact 2013 | Distance 2013 | Contact 2018 | Distance 2018 |
|---|---|---|---|---|
| African | 394 238 | 295 179 | 510 040 | 310 430 |
| Coloured | 39 638 | 21 393 | 43 681 | 22 219 |
| Indian | 28 857 | 24 929 | 28 221 | 19 635 |
| White | 112 765 | 59 158 | 93 908 | 46 371 |

Figure 16: Headcount enrolments by mode of delivery and gender for 2013 and 2018

| | Contact 2013 | Distance 2013 | Contact 2018 | Distance 2018 |
|---|---|---|---|---|
| Men | 266 359 | 143 607 | 312 048 | 131 947 |
| Women | 314 679 | 258 947 | 372 984 | 268 348 |

Figure 17: Headcount enrolments by mode of delivery and age for 2013 and 2018

| | 2013 | | 2018 | |
|---|---|---|---|---|
| | Contact | Distance | Contact | Distance |
| <20 | 152 710 | 17 388 | 175 080 | 24 756 |
| 20-24 | 278 877 | 90 391 | 339 005 | 101 927 |
| 25-35 | 100 434 | 172 741 | 122 101 | 176 475 |
| >35 | 49 027 | 122 036 | 48 882 | 97 137 |

Figure 18: Headcount graduates by mode of delivery and race for 2013 and 2018

| | 2013 | | 2018 | |
|---|---|---|---|---|
| | Contact | Distance | Contact | Distance |
| African | 83 243 | 33 600 | 114 419 | 48 629 |
| Coloured | 9 182 | 1 952 | 10 628 | 3 056 |
| Indian | 7 292 | 2 926 | 7 873 | 3 207 |
| White | 32 211 | 8 310 | 28 612 | 8 423 |

Figure 19: Headcount graduates by mode of delivery and gender for 2013 and 2018



| | 2013 | | 2018 | |
| | Contact | Distance | Contact | Distance |
|---|---|---|---|---|
| Men | 55 931 | 14 906 | 67 878 | 17 403 |
| Women | 77 444 | 32 514 | 95 677 | 46 149 |

Figure 20: Course success rates by race from 2013 to 2018



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| African | 71% | 75% | 76% | 76% | 75% | 75% |
| Coloured | 75% | 78% | 79% | 79% | 78% | 79% |
| Indian | 74% | 79% | 80% | 79% | 79% | 80% |
| White | 82% | 84% | 85% | 85% | 85% | 86% |
| Overall | 74% | 77% | 78% | 78% | 77% | 77% |

Figure 21: Course success rates by gender from 2013 to 2018

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| Men | 71% | 74% | 75% | 75% | 74% | 73% |
| Women | 75% | 79% | 80% | 80% | 79% | 79% |
| Overall | 74% | 77% | 78% | 78% | 77% | 77% |

Figure 22: Course success rates by qualification level from 2013 to 2018

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| Undergraduate | 74% | 78% | 79% | 79% | 78% | 78% |
| Postgraduate | 71% | 74% | 73% | 70% | 72% | 70% |
| Overall | 74% | 77% | 78% | 78% | 77% | 77% |

Figure 23: Course success rates per qualification level by race from 2013 to 2018



| | UG 2013 | PG 2013 | UG 2014 | PG 2014 | UG 2015 | PG 2015 | UG 2016 | PG 2016 | UG 2017 | PG 2017 | UG 2018 | PG 2018 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| African | 72% | 66% | 76% | 71% | 77% | 69% | 77% | 66% | 76% | 68% | 76% | 67% |
| Coloured | 76% | 72% | 79% | 74% | 80% | 73% | 80% | 72% | 79% | 74% | 80% | 72% |
| Indian | 76% | 67% | 80% | 73% | 81% | 73% | 81% | 68% | 80% | 74% | 82% | 70% |
| White | 83% | 82% | 85% | 83% | 85% | 83% | 86% | 81% | 85% | 84% | 86% | 83% |
| Overall | 74% | 71% | 78% | 74% | 79% | 73% | 79% | 70% | 78% | 72% | 78% | 70% |

Figure 24: Course success rates per qualification level by gender from 2013 to 2018



| | UG 2013 | PG 2013 | UG 2014 | PG 2014 | UG 2015 | PG 2015 | UG 2016 | PG 2016 | UG 2017 | PG 2017 | UG 2018 | PG 2018 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Men | 72% | 68% | 75% | 72% | 76% | 70% | 76% | 68% | 74% | 70% | 74% | 67% |
| Women | 76% | 72% | 80% | 76% | 81% | 75% | 81% | 72% | 80% | 74% | 81% | 72% |
| Total | 74% | 71% | 78% | 74% | 79% | 73% | 79% | 70% | 78% | 72% | 84% | 63% |

# STUDENT DATA BY QUALIFICATION TYPE

Figure 25: Headcount enrolments by qualification level from 2013 to 2018*

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| UG | 800 955 | 790 898 | 804 089 | 790 903 | 841 177 | 886 255 |
| PG | 159 548 | 156 559 | 159 562 | 165 114 | 174 349 | 179 077 |
| Occ** | 23 195 | 21 697 | 21 561 | 19 820 | 21 458 | 20 235 |
| Total | 983 698 | 969 154 | 985 212 | 975 837 | 1 036 984 | 1 085 567 |

Figure 26: Headcount undergraduate enrolments by qualification type from 2013 to 2018

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| UG Dip/Cert | 277 524 | 272 039 | 270 090 | 260 542 | 285 285 | 300 715 |
| UG Degrees | 354 500 | 353 737 | 348 898 | 345 740 | 331 599 | 358 260 |
| Prof 1st*** | 168 931 | 165 122 | 179 247 | 184 621 | 224 293 | 227 280 |
| UG Total | 800 955 | 790 898 | 798 235 | 790 903 | 841 177 | 886 255 |

* The Unknown category is not always displayed, but not omitted. Rounded off percentages may not always add up to 100%.
* The most recent HEMIS data in this section were extracted by DHET in November 2019.
** Occasional students.
*** Professional first four-year degrees only – NQF Level 8.

Figure 27: Headcount undergraduate enrolments by race for 2013 and 2018

| | African | Coloured | Indian | White | Total | African | Coloured | Indian | White | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 2013 | | | | | 2018 | | |
| Dip & Cert | 240 894 | 13 600 | 6 114 | 15 987 | 277 524 | 270 931 | 13 372 | 5 268 | 10 677 | 300 715 |
| Degrees | 336 093 | 36 705 | 35 967 | 111 960 | 523 431 | 413 926 | 41 425 | 31 792 | 93 678 | 585 540 |
| Total | 576 987 | 50 305 | 42 081 | 127 947 | 800 955 | 684 857 | 54 797 | 37 060 | 104 355 | 886 255 |

Figure 28: Headcount undergraduate enrolments by gender for 2013 and 2018

| | Women | Men | Total | Women | Men | Total |
|---|---|---|---|---|---|---|
| | | 2013 | | | 2018 | |
| Dip & Cert | 155 169 | 122 354 | 277 524 | 172 844 | 127 871 | 300 715 |
| Degrees | 313 986 | 209 443 | 523 431 | 352 983 | 232 539 | 585 540 |
| Total | 469 155 | 331 797 | 800 955 | 525 827 | 360 410 | 886 255 |

Figure 29: Headcount of undergraduate qualifications awarded by race for 2013 and 2018



| | African | Coloured | Indian | White | Total | African | Coloured | Indian | White | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 2013 | | | | | 2018 | | |
| Dip & Cert | 43 529 | 2 685 | 1 132 | 3 127 | 50 991 | 56 544 | 3 250 | 1 421 | 2 992 | 64 346 |
| Degrees | 45 948 | 5 291 | 5 748 | 21 548 | 79 136 | 67 475 | 6 779 | 6 054 | 19 787 | 100 740 |
| Total | 89 477 | 7 976 | 6 880 | 24 675 | 130 127 | 124 019 | 10 029 | 7 475 | 22 779 | 165 086 |

Figure 30: Headcount of undergraduate qualifications awarded by gender for 2013 and 2018



| | Women | Men | Total | Women | Men | Total |
|---|---|---|---|---|---|---|
| | | 2013 | | | 2018 | |
| Dip & Cert | 31 858 | 19 133 | 50 991 | 41 212 | 23 134 | 64 346 |
| Degrees | 47 834 | 31 302 | 79 136 | 62 906 | 37 827 | 100 740 |
| Total | 79 692 | 50 435 | 130 127 | 104 118 | 60 961 | 165 086 |

Figure 31: Headcount of postgraduate enrolments by race for 2013 and 2018

| | African | Coloured | Indian | White | Total | African | Coloured | Indian | White | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2013 | | | | | 2018 | | | | |
| ■ PG up to Hons | 61 789 | 5 363 | 5 293 | 17 854 | 91 292 | 68 744 | 5 319 | 4 686 | 14 128 | 94 331 |
| ■ Masters | 27 493 | 3 285 | 4 196 | 16 011 | 52 217 | 37 717 | 3 839 | 3 997 | 13 226 | 61 096 |
| ■ Doctoral | 8 012 | 869 | 1 221 | 5 500 | 16 039 | 14 632 | 1 118 | 1 513 | 5 387 | 23 650 |
| ■ Total | 97 294 | 9 517 | 10 710 | 39 365 | 159 548 | 121 093 | 10 276 | 10 196 | 32 741 | 179 077 |

Figure 32: Headcount of postgraduate enrolments by gender for 2013 and 2018

| | Women | Men | Total | Women | Men | Total |
|---|---|---|---|---|---|---|
| | 2013 | | | 2018 | | |
| ■ PG up to Hons | 57 762 | 33 530 | 91 292 | 59 748 | 34 576 | 94 331 |
| ■ Masters | 25 738 | 26 479 | 52 217 | 32 576 | 28 517 | 61 096 |
| ■ Doctoral | 7 011 | 9 025 | 16 039 | 10 769 | 12 878 | 23 650 |
| ■ Total | 90 511 | 69 034 | 159 548 | 103 093 | 75 971 | 179 077 |

Figure 33: Headcount of postgraduate qualifications awarded by race for 2013 and 2018

| | African | Coloured | Indian | White | Total | African | Coloured | Indian | White | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 2013 | | | | | 2018 | | |
| PG up to Hons | 21 817 | 2 482 | 2 371 | 10 597 | 37 836 | 29 617 | 2 745 | 2 440 | 9 216 | 44 871 |
| Masters | 4 677 | 566 | 827 | 4 383 | 10 809 | 7 489 | 781 | 953 | 4 100 | 13 887 |
| Doctoral | 896 | 111 | 140 | 869 | 2 051 | 1 962 | 135 | 216 | 954 | 3 344 |
| Total | 27 390 | 3 159 | 3 338 | 15 849 | 50 696 | 39 068 | 3 661 | 3 609 | 14 270 | 62 102 |

Figure 34: Headcount of postgraduate qualifications awarded by gender for 2013 and 2018

| | Women | Men | Total | Women | Men | Total |
|---|---|---|---|---|---|---|
| | | 2013 | | | 2018 | |
| PG up to Hons | 24 036 | 13 800 | 37 836 | 28 998 | 15 867 | 44 871 |
| Masters | 5 356 | 5 453 | 10 809 | 7 320 | 6 566 | 13 887 |
| Doctoral | 895 | 1 156 | 2 051 | 1 440 | 1 902 | 3 344 |
| Total | 30 287 | 20 409 | 50 696 | 37 758 | 24 335 | 62 102 |

Figure 35: Headcount doctoral graduates by nationality grouping from 2013 to 2018



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| South Africa | 1 259 | 1 327 | 1 529 | 1 557 | 1 732 | 1 837 |
| SADC | 307 | 376 | 387 | 497 | 521 | 638 |
| Other African | 333 | 388 | 451 | 554 | 606 | 654 |
| Rest of the World | 142 | 150 | 147 | 165 | 160 | 167 |
| Unknown | 10 | 17 | 16 | 24 | 38 | 48 |
| Total | 2 051 | 2 258 | 2 530 | 2 797 | 3 057 | 3 344 |

Figure 36: Headcount doctoral graduates by age grouping from 2013 to 2018



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| <=24 | 9 | 16 | 8 | 15 | 16 | 9 |
| 25-35 | 866 | 907 | 1 056 | 1 158 | 1 296 | 1 360 |
| >35 | 1 176 | 1 335 | 1 466 | 1 624 | 1 745 | 1 975 |
| Total | 2 051 | 2 258 | 2 530 | 2 797 | 3 057 | 3 344 |

# STUDENT DATA BY FIELD OF STUDY

Figure 37: Headcount enrolments by field of study from 2013 to 2018*



| | 2013 | 2014 | 2015 | 2017 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| ■ B&C** | 279 954 | 272 408 | 273 828 | 264 934 | 278 930 | 283 193 |
| ■ Edu | 172 991 | 166 099 | 170 550 | 176 986 | 195 113 | 214 151 |
| ■ Hum | 247 131 | 243 426 | 245 899 | 238 535 | 252 826 | 267 553 |
| ■ SET | 283 622 | 287 221 | 294 935 | 295 383 | 310 115 | 320 670 |

Figure 38: Headcount enrolments by field of study and mode of delivery for 2013 and 2018



| | Contact | Distance | Contact | Distance |
|---|---|---|---|---|
| | 2013 | | 2018 | |
| ■ B&C | 150 417 | 129 532 | 174 787 | 108 385 |
| ■ Edu | 52 384 | 120 528 | 75 887 | 138 115 |
| ■ Hum | 139 165 | 107 962 | 154 719 | 112 818 |
| ■ SET | 239 082 | 44 535 | 279 676 | 40 977 |
| ■ Total | 581 048 | 402 556 | 685 068 | 400 295 |

* The Unknown category is not displayed, but not omitted. Rounded off percentages may not always add up to 100%.
  The most recent HEMIS data in this section were extracted by DHET in November 2019.
** B&C: Business and Commerce; SET: Science, Engineering and Technology.

Figure 39: Headcount enrolments by field of study and race for 2013 and 2018



| | African | Coloured | Indian | White | African | Coloured | Indian | White |
|---|---|---|---|---|---|---|---|---|
| | | 20 | 13 | | | 20 | 18 | |
| ■ B&C | 195 303 | 17 276 | 20 162 | 45 970 | 216 230 | 15 448 | 14 824 | 33 834 |
| ■ Edu | 134 016 | 8 859 | 6 586 | 22 429 | 169 713 | 13 966 | 6 982 | 22 861 |
| ■ Hum | 171 383 | 18 741 | 10 082 | 44 335 | 204 021 | 19 350 | 8 542 | 31 884 |
| ■ SET | 188 801 | 16 158 | 16 958 | 59 193 | 230 656 | 17 147 | 17 517 | 51 726 |
| ■ Total | 689 503 | 61 034 | 53 787 | 171 927 | 820 619 | 65 911 | 47 865 | 140 304 |

Figure 40: Headcount enrolments by field of study and gender for 2013 and 2018



| | Women | Men | Women | Men |
|---|---|---|---|---|
| | | 2013 | | 2018 |
| ■ B&C | 156 954 | 122 998 | 160 844 | 122 344 |
| ■ Edu | 129 735 | 43 255 | 159 713 | 54 433 |
| ■ Hum | 158 000 | 89 124 | 169 687 | 97 848 |
| ■ SET | 129 009 | 154 612 | 151 247 | 169 416 |
| ■ Total | 573 698 | 409 988 | 641 491 | 444 040 |

Figure 41: Headcount graduates by field of study and race for 2013 and 2018



|  | African | Coloured | Indian | White | African | Coloured | Indian | White |
|---|---|---|---|---|---|---|---|---|
|  | 2013 | | | | 2018 | | | |
| ■ B&C | 31 138 | 3 018 | 3 673 | 10 885 | 42 770 | 3 420 | 3 652 | 9 907 |
| ■ Edu | 28 861 | 2 052 | 1 204 | 5 547 | 40 147 | 2 835 | 1 601 | 5 896 |
| ■ Hum | 24 861 | 2 879 | 1 843 | 10 212 | 36 700 | 3 696 | 1 782 | 8 074 |
| ■ SET | 32 006 | 3 186 | 3 498 | 13 880 | 43 471 | 3 739 | 4 049 | 13 171 |
| ■ Total | 116 867 | 11 135 | 10 218 | 40 524 | 163 087 | 13 690 | 11 084 | 37 049 |

Figure 42: Headcount graduates by field of study and gender for 2013 and 2018



|  | Women | Men | Women | Men |
|---|---|---|---|---|
|  | 2013 | | 2018 | |
| ■ B&C | 27 953 | 21 097 | 35 118 | 25 340 |
| ■ Edu | 28 648 | 9 564 | 38 905 | 11 742 |
| ■ Hum | 26 807 | 13 576 | 33 922 | 16 937 |
| ■ SET | 26 571 | 26 606 | 33 931 | 31 277 |
| ■ Total | 109 979 | 70 844 | 141 876 | 85 296 |

Figure 43: Course success rate by CESM for 2018*



Figure 44: FTE enrolled and completed figures per CESM category for 2018



* The CESM categories are listed in Appendix 2.

Figure 45: Course success rate by field of study from 2013 to 2018

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| B&C | 69% | 66% | 71% | 71% | 71% | 71% |
| EDU | 82% | 81% | 86% | 85% | 85% | 85% |
| Hum | 78% | 75% | 78% | 79% | 77% | 77% |
| SET | 77% | 76% | 78% | 79% | 77% | 77% |
| Overall | 76% | 74% | 78% | 78% | 77% | 77% |

Figure 46: FTE enrolments by field of study from 2013 to 2018

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| B&C | 165 524 | 162 257 | 161 604 | 163 168 | 169 411 | 174 130 |
| Edu | 96 230 | 94 676 | 100 381 | 100 941 | 117 561 | 132 867 |
| Hum | 202 672 | 203 870 | 207 078 | 209 358 | 224 212 | 239 178 |
| SET | 201 431 | 206 144 | 209 780 | 211 831 | 220 417 | 229 632 |
| Total | 665 857 | 666 947 | 678 842 | 685 297 | 731 602 | 775 808 |

Figure 47: FTE completed by field of study from 2013 to 2018

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| ■ B&C | 109 319 | 114 508 | 115 166 | 115 636 | 119 529 | 123 509 |
| ■ Edu | 77 822 | 81 439 | 86 036 | 85 935 | 99 494 | 113 514 |
| ■ Hum | 151 390 | 159 502 | 162 155 | 165 309 | 172 773 | 184 328 |
| ■ SET | 152 336 | 160 435 | 164 251 | 166 401 | 170 287 | 176 390 |
| Total | 490 868 | 515 884 | 527 608 | 533 281 | 562 083 | 597 741 |

Figure 48: Headcount enrolments by field of study and institutional type for 2013 and 2018

| | 2013 | | | | 2018 | | | |
|---|---|---|---|---|---|---|---|---|
| | UoTs | Comp | Trad | UNISA | UoTs | Comp | Trad | UNISA |
| ■ B&C | 51 886 | 40 441 | 59 550 | 128 077 | 60 241 | 45 774 | 70 176 | 107 003 |
| ■ Edu | 9 460 | 16 898 | 64 877 | 81 757 | 14 924 | 20 068 | 62 921 | 116 238 |
| ■ Hum | 22 638 | 30 514 | 90 928 | 103 050 | 25 759 | 34 420 | 96 762 | 110 612 |
| ■ SET | 75 021 | 39 424 | 126 819 | 42 357 | 84 314 | 55 957 | 140 272 | 40 127 |

# STUDENT DATA BY INSTITUTIONAL TYPE

Figure 49: Headcount enrolments by institutional type from 2013 to 2018*



|  | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| UoTs | 159 006 | 161 491 | 160 332 | 168 270 | 177 589 | 185 238 |
| Comp | 127 278 | 130 669 | 139 005 | 148 428 | 150 157 | 156 220 |
| Trad | 342 174 | 348 503 | 347 931 | 359 815 | 365 223 | 370 130 |
| UNISA | 355 240 | 328 491 | 337 944 | 299 324 | 344 015 | 373 979 |

Figure 50: Headcount enrolments by institutional type and race for 2013 and 2018



|  | African | Coloured | Indian | White | Total | African | Coloured | Indian | White | Total |
|---|---|---|---|---|---|---|---|---|---|---|
|  | 2013 | | | | | 2018 | | | | |
| UoTs | 133 344 | 11 100 | 4 510 | 10 020 | 159 006 | 165 415 | 9 837 | 4 226 | 5 699 | 185 238 |
| Comp | 106 814 | 5 256 | 2 652 | 12 556 | 127 278 | 138 799 | 5 907 | 2 729 | 8 783 | 156 220 |
| Trad | 195 732 | 25 573 | 22 224 | 92 083 | 342 174 | 227 866 | 29 585 | 21 717 | 81 723 | 370 130 |
| UNISA | 253 613 | 19 105 | 24 401 | 57 268 | 355 240 | 288 539 | 20 582 | 19 193 | 44 099 | 373 979 |
| Total | 689 503 | 61 034 | 53 787 | 171 927 | 983 698 | 820 619 | 65 911 | 47 865 | 140 304 | 1 085 56 |

* The Unknown category is not displayed, but not omitted. Rounded off percentages may not always add up to 100%.
  The most recent HEMIS data in this section were extracted by DHET in November 2019.

Figure 51: Headcount enrolments by institutional type and gender for 2013 and 2018

|  | Women | Men | Total | Women | Men | Total |
|---|---|---|---|---|---|---|
|  |  | 2013 |  |  | 2018 |  |
| UoTs | 79 590 | 79 416 | 159 006 | 94 292 | 90 946 | 185 238 |
| Comp | 70 153 | 57 125 | 127 278 | 84 902 | 71 318 | 156 220 |
| Trad | 200 352 | 141 812 | 342 174 | 214 685 | 155 409 | 370 130 |
| UNISA | 223 603 | 131 635 | 355 240 | 247 612 | 126 367 | 373 979 |
| Total | 573 698 | 409 988 | 983 698 | 641 491 | 444 040 | 1 085 567 |

Figure 52: Headcount enrolments by institutional type and qualification level for 2013 and 2018

|  | UoTs | Comp | Trad | UNISA | UoTs | Comp | Trad | UNISA |
|---|---|---|---|---|---|---|---|---|
|  |  | 2013 |  |  |  | 2018 |  |  |
| UG | 152 664 | 111 781 | 242 591 | 293 919 | 176 014 | 133 807 | 267 399 | 309 035 |
| PG | 5 946 | 14 661 | 93 462 | 45 479 | 8 493 | 21 882 | 97 854 | 50 848 |
| Occ | 396 | 836 | 6 121 | 15 842 | 731 | 531 | 4 877 | 14 096 |

Figure 53: Headcount enrolments by institutional type and undergraduate qualifications for 2013 and 2018



| | UoTs | Comp | Trad | UNISA | UoTs | Comp | Trad | UNISA |
|---|---|---|---|---|---|---|---|---|
| | | 2013 | | | | 2018 | | |
| Dip/Cert | 118 655 | 42 159 | 30 526 | 86 184 | 128 903 | 42 174 | 20 679 | 108 959 |
| Degrees | 34 009 | 69 622 | 212 065 | 207 735 | 47 111 | 91 633 | 246 720 | 200 076 |
| Total | 152 664 | 111 781 | 242 591 | 293 919 | 176 014 | 133 807 | 267 399 | 309 035 |

Figure 54: Headcount enrolments by institutional type and postgraduate qualifications for 2013 and 2018



| | UoTs | Comp | Trad | UNISA | UoTs | Comp | Trad | UNISA |
|---|---|---|---|---|---|---|---|---|
| | | 2013 | | | | 2018 | | |
| PG up to Hons | 1 707 | 7 504 | 44 846 | 37 235 | 1 913 | 10 279 | 38 747 | 43 392 |
| Masters | 3 499 | 5 612 | 36 734 | 6 372 | 5 147 | 8 769 | 42 096 | 5 084 |
| Doctoral | 740 | 1 545 | 11 882 | 1 872 | 1 433 | 2 834 | 17 011 | 2 372 |
| Total | 5 946 | 14 661 | 93 462 | 45 479 | 8 493 | 21 882 | 97 854 | 50 848 |

Figure 55: Headcount graduates by institutional type from 2013 to 2018

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| UoTs | 35 228 | 36 231 | 37 441 | 38 701 | 42 012 | 42 442 |
| Comp | 28 421 | 29 587 | 30 677 | 33 977 | 34 884 | 37 844 |
| Trad | 82 240 | 81 659 | 83 360 | 87 111 | 89 193 | 90 269 |
| UNISA | 34 934 | 37 896 | 40 046 | 43 287 | 44 842 | 56 633 |

Figure 56: Headcount enrolments at Universities of Technology from 2013 to 2018

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| CPUT | 33 477 | 33 186 | 32 674 | 34 455 | 34 702 | 34 222 |
| CUT | 13 303 | 14 352 | 14 193 | 15 708 | 18 185 | 19 464 |
| DUT | 26 059 | 26 472 | 27 023 | 28 377 | 29 787 | 31 211 |
| MUT | 11 375 | 11 377 | 11 518 | 11 588 | 12 665 | 13 354 |
| TUT | 54 159 | 56 785 | 57 246 | 58 901 | 63 032 | 65 920 |
| VUT | 20 633 | 19 319 | 17 678 | 19 241 | 19 218 | 21 067 |

Figure 57: Headcount enrolments at traditional Universities from 2013 to 2018

|  | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| UCT | 26 118 | 26 357 | 27 809 | 29 232 | 28 724 | 28 744 |
| UFH | 12 315 | 13 063 | 13 458 | 13 831 | 15 426 | 16 896 |
| UFS | 31 877 | 31 032 | 30 418 | 36 269 | 38 102 | 39 516 |
| UKZN | 44 002 | 45 465 | 45 506 | 46 472 | 49 096 | 49 645 |
| UL* | 22 914 | 23 384 | 18 907 | 19 843 | 20 608 | 21 157 |
| NWU | 60 975 | 63 135 | 64 070 | 63 395 | 62 558 | 61 212 |
| UP | 57 553 | 56 376 | 55 984 | 53 232 | 50 695 | 50 431 |
| Rhodes | 7 485 | 7 519 | 8 007 | 8 136 | 8 077 | 8 153 |
| SU | 27 418 | 28 869 | 29 613 | 30 161 | 31 114 | 31 261 |
| UWC | 20 383 | 20 582 | 20 382 | 21 796 | 22 443 | 22 831 |
| Wits | 31 134 | 32 721 | 33 777 | 37 448 | 38 380 | 40 285 |

* In 2015 SMU was formed out of UL, which is shown in the lower enrolment numbers of UL from 2015.

Figure 58: Headcount enrolments at Comprehensive Universities from 2013 to 2018 (excluding UNISA)*

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| UJ | 48 386 | 49 789 | 49 452 | 51 795 | 50 447 | 50 786 |
| NMU | 26 361 | 26 510 | 26 305 | 27 780 | 27 621 | 28 507 |
| UV | 11 818 | 13 497 | 14 146 | 15 237 | 15 705 | 16 573 |
| WSU | 24 122 | 23 946 | 25 993 | 28 581 | 30 517 | 32 140 |
| UZ | 16 591 | 16 663 | 16 891 | 17 662 | 17 208 | 17 896 |

Figure 59: Headcount and FTE enrolments at UNISA from 2013 to 2018

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| Headcount | 355 240 | 328 491 | 337 944 | 299 324 | 344 015 | 373 979 |
| FTE | 197 102 | 187 043 | 190 878 | 167 622 | 200 546 | 227 492 |

* New comprehensives, SPU, UMP and SMU are excluded. SPU and UMP started enrolling students from 2014. SMU started enrolling students from 2015. 2018 enrolments: SPU=1 560; UMP=2 466; SMU=6 292.

# STAFF
# COMPLEMENT

# Overall Staffing*

Figure 60: Headcount permanent vs. temporary staff members from 2013 to 2018



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| Permanent | 48 885 | 50 090 | 51 310 | 57 384 | 62 445 | 63 592 |
| Temporary | 88 476 | 90 022 | 93 250 | 95 193 | 100 024 | 103 027 |
| Total | 137 361 | 140 112 | 144 560 | 152 577 | 162 469 | 166 619 |

Figure 61: Proportion of permanent vs. temporary staff members from 2013 to 2018



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| Permanent | 36% | 36% | 35% | 38% | 38% | 38% |
| Temporary | 64% | 64% | 65% | 62% | 62% | 62% |

* The Unknown category is not displayed, but not omitted. Rounded off percentages may not always add up to 100%.
  The most recent HEMIS data in this section were extracted by DHET in November 2019.

Figure 62: Headcount overall staff members by race from 2013 to 2018

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| African | 62 335 | 64 996 | 70 716 | 78 587 | 87 359 | 92 513 |
| Coloured | 13 702 | 13 998 | 14 283 | 15 038 | 15 956 | 16 288 |
| Indian | 8 325 | 8 464 | 8 394 | 8 693 | 9 040 | 9 201 |
| White | 51 579 | 50 513 | 49 720 | 48 267 | 48 246 | 46 827 |
| Unknown | 1 420 | 2 141 | 1 447 | 1 992 | 1 868 | 1 790 |

Figure 63: Headcount overall staff by gender for 2013 and 2018

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| Men | 64 823 | 65 906 | 67 287 | 71 282 | 75 788 | 77 422 |
| Women | 72 526 | 74 206 | 77 264 | 81 289 | 86 678 | 89 192 |
| Total | 137 361 | 140 112 | 144 560 | 152 577 | 162 469 | 166 619 |

Figure 64: Headcount overall staff members by race and employment status for 2013 and 2018



| | African | Coloured | Indian | White | Total | African | Coloured | Indian | White | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 2013 | | | | | 2018 | | |
| Permanent | 21 414 | 6 105 | 3 387 | 17 667 | 48 885 | 35 807 | 7 641 | 3 502 | 16 131 | 63 592 |
| Temporary | 40 921 | 7 597 | 4 938 | 33 912 | 88 476 | 56 706 | 8 647 | 5 699 | 30 696 | 103 027 |

Figure 65: Headcount staff in selected personnel categories by race for 2013 and 2018



| | African | Coloured | Indian | White | African | Coloured | Indian | White |
|---|---|---|---|---|---|---|---|---|
| | | 2013 | | | | 2018 | | |
| Senior Management | 731 | 320 | 182 | 1 425 | 1 004 | 606 | 212 | 1 270 |
| Academic | 17 753 | 2 791 | 4 440 | 26 847 | 25 252 | 3 510 | 4 808 | 22 877 |
| Administrative | 29 961 | 7 725 | 2 149 | 14 335 | 41 173 | 8 289 | 2 274 | 12 939 |

# Senior management staff

Figure 66: Headcount senior management staff by employment status from 2013 to 2018



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| Permanent | 2 016 | 1 941 | 1 982 | 2 040 | 2 035 | 2 013 |
| Temporary | 648 | 626 | 718 | 955 | 1 005 | 1 088 |
| Total | 2 664 | 2 567 | 2 700 | 2 995 | 3 040 | 3 101 |

Figure 67: Proportion of permanent vs. temporary senior management staff from 2013 to 2018



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| Permanent | 76% | 76% | 73% | 68% | 67% | 65% |
| Temporary | 24% | 24% | 27% | 32% | 33% | 35% |

Figure 68: Headcount senior management staff members by race from 2013 to 2018

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| African | 731 | 786 | 844 | 893 | 932 | 1 004 |
| Coloured | 320 | 349 | 402 | 595 | 527 | 606 |
| Indian | 182 | 172 | 179 | 196 | 189 | 212 |
| White | 1 425 | 1 241 | 1 261 | 1 299 | 1 379 | 1 270 |
| Total | 2 664 | 2 567 | 2 700 | 2 995 | 3 040 | 3 101 |

Figure 69: Headcount senior management staff members by gender from 2013 to 2018

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| Men | 1 510 | 1 495 | 1 579 | 1 663 | 1 679 | 1 654 |
| Women | 1 154 | 1 072 | 1 121 | 1 332 | 1 361 | 1 447 |
| Total | 2 664 | 2 567 | 2 700 | 2 995 | 3 040 | 3 101 |

Figure 70: Headcount senior management staff members by race and employment status for 2013 and 2018



| | African | Coloured | Indian | White | African | Coloured | Indian | White |
|---|---|---|---|---|---|---|---|---|
| | | 201 | 3 | | | 201 | 8 | |
| ■ Permanent | 606 | 259 | 155 | 991 | 736 | 297 | 178 | 794 |
| ■ Temporary | 125 | 61 | 27 | 434 | 268 | 309 | 34 | 476 |

## Academic staff

Figure 71: Headcount academic staff members by employment status from 2013 to 2018



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| Permanent | 17 838 | 18 250 | 18 566 | 19 213 | 19 631 | 19 781 |
| Temporary | 34 733 | 32 241 | 35 508 | 35 840 | 36 896 | 37 726 |
| Total | 52 571 | 50 491 | 54 074 | 55 053 | 56 527 | 57 507 |

Figure 72: Proportion of permanent vs. temporary academic staff members from 2013 to 2018



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| Permanent | 34% | 36% | 34% | 35% | 35% | 34% |
| Temporary | 66% | 64% | 66% | 65% | 65% | 66% |

Figure 73: Headcount academic staff members by race from 2013 to 2018



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| African | 17 753 | 17 685 | 20 014 | 21 336 | 23 608 | 25 252 |
| Coloured | 2 791 | 2 819 | 3 177 | 3 363 | 3 508 | 3 510 |
| Indian | 4 440 | 4 402 | 4 504 | 4 705 | 4 721 | 4 808 |
| White | 26 847 | 24 652 | 25 492 | 24 614 | 23 602 | 22 877 |
| Unknown | 740 | 933 | 887 | 1 035 | 1 088 | 1 060 |
| Total | 52 571 | 50 491 | 54 074 | 55 053 | 56 527 | 57 507 |

Figure 74: Headcount academic staff members by gender from 2013 to 2018



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| ■ Men | 27 397 | 26 350 | 27 765 | 27 925 | 28 121 | 28 775 |
| ■ Women | 25 171 | 24 141 | 26 308 | 27 126 | 28 405 | 28 729 |
| Total | 52 571 | 50 491 | 54 074 | 55 053 | 56 527 | 57 507 |

Figure 75: Headcount academic staff members by race and employment status for 2013 and 2018



| | African | Coloured | Indian | White | African | Coloured | Indian | White |
|---|---|---|---|---|---|---|---|---|
| | | | | 2013 | | | | 2018 |
| ■ Permanent | 5 756 | 1 121 | 1 505 | 9 205 | 7 842 | 1 410 | 1 637 | 8 456 |
| ■ Temporary | 11 997 | 1 670 | 2 935 | 17 642 | 17 410 | 2 100 | 3 171 | 14 421 |

Figure 76: Headcount academic staff by race and qualification level for 2013 and 2018



| | UG Dip/Cert | UG Degrees | PG up to Hons | Masters | Doctoral | Other* | UG Dip/Cert | UG Degrees | PG up to Hons | Masters | Doctoral | Other* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 2013 | | | | | | 2018 | | |
| ■ African | 544 | 2 366 | 2 090 | 3 616 | 2 390 | 6 747 | 1 190 | 3 377 | 1 702 | 10 800 | 4 341 | 3 842 |
| ■ Coloured | 131 | 433 | 312 | 663 | 484 | 768 | 174 | 425 | 340 | 1 158 | 696 | 717 |
| ■ Indian | 61 | 874 | 400 | 916 | 779 | 1 410 | 123 | 955 | 259 | 1 558 | 1 107 | 806 |
| ■ White | 651 | 3 029 | 2 718 | 5 604 | 6 898 | 7 947 | 613 | 2 351 | 1 576 | 7 245 | 7 258 | 3 834 |
| ■ Unknown | 8 | 40 | 44 | 126 | 249 | 273 | 63 | 64 | 44 | 191 | 545 | 153 |

Figure 77: Headcount academic staff by gender and qualification level for 2013 and 2018



| | UG Dip/Cert | UG Degrees | PG up to Hons | Masters | Doctoral | Other* | UG Dip/Cert | UG Degrees | PG up to Hons | Masters | Doctoral | Other* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 2013 | | | | | | 2018 | | |
| ■ Men | 704 | 3 084 | 2 508 | 5 632 | 6 748 | 8 721 | 1 131 | 3 233 | 1 760 | 9 629 | 8 124 | 4 898 |
| ■ Women | 691 | 3 658 | 3 056 | 5 291 | 4 052 | 8 423 | 1 032 | 3 939 | 2 161 | 11 323 | 5 822 | 4 452 |

* Other includes all unknowns and qualifications labelled as other.

Figure 78: Headcount permanent academic staff by race and qualification level for 2013 and 2018



| | UG Dip/Cert | UG Degrees | PG up to Hons | Masters | Doctoral | Other* | UG Dip/Cert | UG Degrees | PG up to Hons | Masters | Doctoral | Other* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 2013 | | | | | | 2018 | |
| African | 147 | 670 | 841 | 2 207 | 1 717 | 174 | 123 | 744 | 664 | 3 200 | 3 000 | 111 |
| Coloured | 50 | 126 | 96 | 439 | 386 | 24 | 37 | 115 | 114 | 549 | 561 | 34 |
| Indian | 24 | 182 | 163 | 542 | 560 | 34 | 27 | 144 | 102 | 601 | 748 | 15 |
| White | 201 | 534 | 897 | 2 904 | 4 494 | 175 | 88 | 352 | 531 | 2 537 | 4 836 | 112 |
| Unknown | 0 | 6 | 2 | 54 | 182 | 7 | 0 | 7 | 1 | 69 | 353 | 6 |

Figure 79: Headcount permanent academic staff by gender and qualification level for 2013 and 2018



| | UG Dip/Cert | UG Degrees | PG up to Hons | Masters | Doctoral | Other* | UG Dip/Cert | UG Degrees | PG up to Hons | Masters | Doctoral | Other* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 2013 | | | | | | 2018 | |
| Men | 229 | 752 | 954 | 3 116 | 4 513 | 218 | 169 | 622 | 679 | 3 276 | 5 416 | 139 |
| Women | 193 | 766 | 1 045 | 3 030 | 2 826 | 196 | 106 | 740 | 733 | 3 680 | 4 082 | 139 |

* Other includes all unknowns and qualifications labelled as other.

Figure 80: Headcount academic staff members by age grouping from 2013 to 2018



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| < 30 | 13 053 | 10 661 | 11 846 | 11 945 | 10 944 | 10 573 |
| 30-39 | 12 861 | 12 892 | 13 506 | 13 880 | 14 883 | 15 491 |
| 40-49 | 12 012 | 12 051 | 12 813 | 12 972 | 13 368 | 13 649 |
| 50-59 | 9 289 | 9 417 | 9 929 | 10 115 | 10 664 | 10 874 |
| >=60 | 5 356 | 5 470 | 5 980 | 6 141 | 6 668 | 6 920 |
| Total | 52 571 | 50 491 | 54 074 | 55 053 | 56 527 | 57 507 |

Figure 81: Headcount permanent academic staff members by age grouping from 2013 to 2018



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| < 30 | 1 393 | 1 396 | 1 364 | 1 426 | 1 365 | 1 294 |
| 30-39 | 4 680 | 4 782 | 4 927 | 5 089 | 5 309 | 5 405 |
| 40-49 | 5 485 | 5 586 | 5 680 | 5 895 | 5 951 | 5 971 |
| 50-59 | 4 793 | 4 925 | 4 926 | 5 046 | 5 148 | 5 215 |
| >=60 | 1 487 | 1 561 | 1 669 | 1 757 | 1 858 | 1 896 |
| Total | 17 838 | 18 250 | 18 566 | 19 213 | 19 631 | 19 781 |

Figure 82: FTE academic staff members by field of study from 2013 to 2018*

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| B&C | 3 030 | 3 362 | 3 497 | 3 473 | 5 196 | 4 915 |
| Edu | 1 440 | 1 507 | 1 549 | 1 648 | 1 810 | 1 803 |
| Hum | 4 986 | 5 286 | 5 676 | 5 433 | 6 083 | 5 989 |
| SET | 9 492 | 9 682 | 10 094 | 9 858 | 10 607 | 10 556 |
| Unk | 5 334 | 4 968 | 5 068 | 5 740 | 4 242 | 4 789 |
| Total | 24 282 | 24 806 | 25 885 | 26 152 | 27 938 | 28 054 |

# Administrative staff

Figure 83: Headcount administrative staff members by employment status from 2013 to 2018

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| Permanent | 16 724 | 17 171 | 18 026 | 19 312 | 20 052 | 20 167 |
| Temporary | 37 854 | 40 006 | 40 567 | 39 429 | 42 392 | 44 972 |
| Total | 54 578 | 57 177 | 58 593 | 58 741 | 62 444 | 65 139 |

* 2017 total number of FTE academic staff increased - the total under the unknown field of study category decreased significantly, contributing to a much larger total under B&C

Figure 84: Proportion of permanent vs. temporary administrative staff members from 2013 to 2018



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| ■ Permanent | 31% | 30% | 31% | 33% | 32% | 31% |
| ■ Temporary | 69% | 70% | 69% | 67% | 68% | 69% |

Figure 85: Headcount administrative staff members by race from 2013 to 2018



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| ■ African | 29 961 | 32 204 | 35 460 | 36 461 | 38 790 | 41 173 |
| ■ Coloured | 7 725 | 7 857 | 7 765 | 7 814 | 8 090 | 8 289 |
| ■ Indian | 2 149 | 2 318 | 2 227 | 2 113 | 2 189 | 2 274 |
| ■ White | 14 335 | 14 345 | 12 819 | 11 913 | 12 900 | 12 939 |
| ■ Unknown | 408 | 453 | 322 | 440 | 475 | 464 |
| Total | 54 578 | 57 177 | 58 593 | 58 741 | 62 444 | 65 139 |

Figure 86: Headcount administrative staff members by gender from 2013 to 2018

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| Men | 21 105 | 22 184 | 22 468 | 23 143 | 25 377 | 26 351 |
| Women | 33 464 | 34 993 | 36 120 | 35 596 | 37 065 | 38 787 |
| Total | 54 578 | 57 177 | 58 593 | 58 741 | 62 444 | 65 139 |

Figure 87: Headcount administrative staff members by race and employment status for 2013 and 2018

| | African | Coloured | Indian | White | African | Coloured | Indian | White |
|---|---|---|---|---|---|---|---|---|
| | | 2013 | | | | 2018 | | |
| Permanent | 8 151 | 2 951 | 989 | 4 612 | 11 667 | 3 462 | 938 | 4 066 |
| Temporary | 21 810 | 4 774 | 1 160 | 9 723 | 29 506 | 4 827 | 1 336 | 8 873 |

# Service staff

Figure 88: Headcount service staff members by employment status from 2013 to 2018*

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| Permanent | 4 380 | 4 477 | 4 235 | 8 317 | 11 270 | 12 260 |
| Temporary | 2 262 | 2 365 | 2 275 | 2 885 | 3 679 | 4 227 |
| Total | 6 642 | 6 842 | 6 510 | 11 202 | 14 949 | 16 487 |

Figure 89: Proportion of permanent vs. temporary service staff members from 2013 to 2018

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| Permanent | 66% | 65% | 65% | 74% | 75% | 74% |
| Temporary | 34% | 35% | 35% | 26% | 25% | 26% |

* From 2016, a number of universities insourced service staff.

Figure 90: Headcount service staff members by race from 2013 to 2018



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| ■ African | 5 159 | 5 293 | 5 161 | 9 440 | 12 717 | 14 107 |
| ■ Coloured | 780 | 784 | 680 | 874 | 1 341 | 1 398 |
| ■ Indian | 112 | 129 | 106 | 99 | 119 | 137 |
| ■ White | 585 | 619 | 552 | 568 | 759 | 836 |
| ■ Unknown | 6 | 17 | 11 | 221 | 13 | 9 |
| Total | 6 642 | 6 842 | 6 510 | 11 202 | 14 949 | 16 487 |

Figure 91: Headcount service staff members by gender from 2013 to 2018



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| ■ Men | 3 648 | 3 684 | 3 600 | 5 888 | 7 724 | 8 429 |
| ■ Women | 2 994 | 3 158 | 2 910 | 5 314 | 7 225 | 8 058 |
| Total | 6 642 | 6 842 | 6 510 | 11 202 | 14 949 | 16 487 |

Figure 92: Headcount service staff members by race and employment status for 2013 and 2018



| | African | Coloured | Indian | White | African | Coloured | Indian | White |
|---|---|---|---|---|---|---|---|---|
| | 2013 | | | | 2018 | | | |
| Permanent | 3 700 | 512 | 72 | 94 | 11 018 | 1 058 | 59 | 119 |
| Temporary | 1 459 | 268 | 40 | 491 | 3 089 | 340 | 78 | 717 |

## Student: staff ratios

Figure 93: FTE Student: Staff ratio from 2013 to 2018



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| UoTs | 28 | 28 | 27 | 28 | 29 | 28 |
| Comp | 29 | 27 | 25 | 28 | 27 | 26 |
| Trad | 18 | 19 | 20 | 22 | 21 | 21 |
| UNISA | 78 | 56 | 46 | 36 | 37 | 46 |
| Overall | 27 | 27 | 26 | 26 | 26 | 28 |

Figure 94: Headcount Student: Staff ratio for permanent and temporary academic staff together and permanent academic staff only from 2013 to 2018



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| HC ratio overall | 19 | 19 | 18 | 18 | 18 | 19 |
| HC ratio perm staff | 55 | 53 | 53 | 51 | 53 | 55 |

Figure 95: FTE Student: Staff ratio by field of study from 2013 to 2018*



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| B&C | 48 | 48 | 46 | 46 | 33 | 35 |
| Edu | 63 | 63 | 65 | 59 | 65 | 74 |
| Hum | 39 | 39 | 36 | 37 | 37 | 40 |
| SET | 21 | 21 | 21 | 21 | 21 | 22 |
| Overall | 27 | 27 | 26 | 25 | 26 | 28 |

# COHORT ANALYSIS

Figure 96: Throughput rates for 360-credit diplomas with first year of enrolment in 2013 (excluding UNISA)

| | non-accumulative | | | | accumulative | | | |
|---|---|---|---|---|---|---|---|---|
| | 2015 | 2016 | 2017 | 2018* | 2015 | 2016 | 2017 | 2018* |
| Graduated | 23% | 18% | 10% | 4% | 23% | 41% | 50% | 55% |
| Dropped out | 6% | 3% | 1% | 5% | 36% | 39% | 40% | 45% |

Figure 97: Throughput rates by race for 360-credit diplomas with first year of enrolment in 2013 (excluding UNISA) - non-accumulative

| | African | | Coloured | | Indian | | White | |
|---|---|---|---|---|---|---|---|---|
| | Graduated | Dropped out | Graduated | Dropped out | Graduated | Dropped out | Graduated | Dropped out |
| 2015 | 22% | 6% | 26% | 5% | 35% | 4% | 37% | 5% |
| 2016 | 18% | 3% | 16% | 3% | 18% | 1% | 14% | 3% |
| 2017 | 10% | 1% | 8% | 1% | 7% | 1% | 5% | 0% |
| 2018* | 5% | 6% | 3% | 3% | 3% | 2% | 2% | 2% |

* There may be potential graduates remaining in the system after 2018.

Figure 98: Throughput rates by race for 360-credit diplomas with first year of enrolment in 2013 (excluding UNISA) – accumulative



| | African | | Coloured | | Indian | | White | |
|---|---|---|---|---|---|---|---|---|
| | Graduated | Dropped out | Graduated | Dropped out | Graduated | Dropped out | Graduated | Dropped out |
| 2015 | 22% | 35% | 26% | 40% | 35% | 33% | 37% | 37% |
| 2016 | 40% | 39% | 43% | 43% | 53% | 35% | 51% | 40% |
| 2017 | 50% | 40% | 50% | 44% | 60% | 35% | 56% | 40% |
| 2018* | 54% | 46% | 53% | 47% | 63% | 37% | 58% | 42% |

Figure 99: Throughput rates for 3-year degrees with first year of enrolment in 2013 (excluding UNISA)



| | non-accumulative | | | | accumulative | | | |
|---|---|---|---|---|---|---|---|---|
| | 2015 | 2016 | 2017 | 2018* | 2015 | 2016 | 2017 | 2018* |
| Graduated | 30% | 19% | 8% | 3% | 30% | 49% | 56% | 59% |
| Dropped out | 3% | 2% | 1% | 3% | 34% | 36% | 38% | 41% |

* There may be potential graduates remaining in the system after 2018.

Figure 100: Throughput rates by race for 3-year degrees with first year of enrolment in 2013 (excluding UNISA) - non-accumulative



| | African | | Coloured | | Indian | | White | |
|---|---|---|---|---|---|---|---|---|
| | Graduated | Dropped out | Graduated | Dropped out | Graduated | Dropped out | Graduated | Dropped out |
| 2015 | 24% | 3% | 27% | 5% | 33% | 3% | 46% | 2% |
| 2016 | 20% | 3% | 20% | 3% | 20% | 2% | 15% | 1% |
| 2017 | 8% | 2% | 8% | 2% | 9% | 1% | 5% | 0% |
| 2018* | 4% | 4% | 2% | 3% | 3% | 2% | 2% | 1% |

Figure 101: Throughput rates by race for 3-year degrees with first year of enrolment in 2013 (excluding UNISA) – accumulative



| | African | | Coloured | | Indian | | White | |
|---|---|---|---|---|---|---|---|---|
| | Graduated | Dropped out | Graduated | Dropped out | Graduated | Dropped out | Graduated | Dropped out |
| 2015 | 24% | 35% | 27% | 35% | 33% | 30% | 46% | 30% |
| 2016 | 44% | 38% | 46% | 38% | 52% | 32% | 61% | 32% |
| 2017 | 53% | 40% | 54% | 40% | 62% | 33% | 65% | 32% |
| 2018* | 56% | 44% | 57% | 43% | 65% | 35% | 67% | 33% |

\* There may be potential graduates remaining in the system after 2018.

Figure 102: Throughput rates for 4-year degrees with first year of enrolment in 2013 (excluding UNISA)

| | non-accumulative | | | accumulative | | |
|---|---|---|---|---|---|---|
| | 2016 | 2017 | 2018* | 2016 | 2017 | 2018* |
| Graduated | 46% | 15% | 6% | 46% | 61% | 66% |
| Dropped out | 3% | 1% | 5% | 27% | 28% | 34% |

Figure 103: Throughput rates by race for 4-year degrees with first year of enrolment in 2013 (excluding UNISA) - non-accumulative

| | African | | Coloured | | Indian | | White | |
|---|---|---|---|---|---|---|---|---|
| | Graduated | Dropped out | Graduated | Dropped out | Graduated | Dropped out | Graduated | Dropped out |
| 2016 | 44% | 3% | 40% | 3% | 40% | 3% | 54% | 1% |
| 2017 | 15% | 2% | 15% | 1% | 16% | 2% | 13% | 1% |
| 2018* | 6% | 6% | 6% | 5% | 7% | 5% | 4% | 3% |

* There may be potential graduates remaining in the system after 2018.

Figure 104: Throughput rates by race for 4-year degrees with first year of enrolment in 2013 (excluding UNISA) – accumulative



| | African | | Coloured | | Indian | | White | |
|---|---|---|---|---|---|---|---|---|
| | Graduated | Dropped out | Graduated | Dropped out | Graduated | Dropped out | Graduated | Dropped out |
| 2016 | 44% | 27% | 40% | 33% | 40% | 29% | 54% | 25% |
| 2017 | 59% | 28% | 55% | 34% | 56% | 31% | 67% | 26% |
| 2018* | 65% | 35% | 61% | 39% | 64% | 36% | 71% | 29% |

# 360-credit diplomas by broad field

Figure 105: Percentage of the 2013 cohort doing 360-credit diplomas that graduated in 6 years i.e. by 2018**



* There may be potential graduates remaining in the system after 2018.
** A detailed list of the specific knowledge areas included for each broad field can be found in Appendix 3.
  Only the fields with the highest numbers are shown in the graphs for 360-credit diplomas below.

Figure 106: Headcount of the 2013 cohort doing 360-credit diplomas that graduated in 6 years i.e. by 2018



Figure 107: Throughput rates for 360-credit diplomas (Business & Management Sciences) with first year of enrolment in 2013 (excluding UNISA)



|  | 2015 | 2016 | 2017 | 2018* | 2015 | 2016 | 2017 | 2018* |
|---|---|---|---|---|---|---|---|---|
|  | non-accumulative | | | | accumulative | | | |
| Graduated | 6% | 18% | 16% | 8% | 6% | 24% | 40% | 48% |
| Dropped out | 8% | 3% | 1% | 10% | 39% | 42% | 43% | 52% |

* There may be potential graduates remaining in the system after 2018.

Figure 108: Throughput rates for 360-credit diplomas (Engineering) with first year of enrolment in 2013 (excluding UNISA)



| | non-accumulative | | | | accumulative | | | |
|---|---|---|---|---|---|---|---|---|
| | 2015 | 2016 | 2017 | 2018* | 2015 | 2016 | 2017 | 2018* |
| Graduated | 6% | 18% | 16% | 8% | 6% | 24% | 40% | 48% |
| Dropped out | 8% | 3% | 1% | 10% | 39% | 42% | 43% | 52% |

Figure 109: Throughput rates for 360-credit diplomas (Public Management & Services) with first year of enrolment in 2013 (excluding UNISA)



| | non-accumulative | | | | accumulative | | | |
|---|---|---|---|---|---|---|---|---|
| | 2015 | 2016 | 2017 | 2018* | 2015 | 2016 | 2017 | 2018* |
| Graduated | 32% | 19% | 8% | 3% | 32% | 51% | 59% | 62% |
| Dropped out | 4% | 2% | 1% | 5% | 31% | 33% | 33% | 38% |

* There may be potential graduates remaining in the system after 2018.

Figure 110: Throughput rates for 360-credit diplomas (Computer Science, Information Technology & Information Systems) with first year of enrolment in 2013 (excluding UNISA)



| | non-accumulative | | | | accumulative | | | |
|---|---|---|---|---|---|---|---|---|
| | 2015 | 2016 | 2017 | 2018* | 2015 | 2016 | 2017 | 2018* |
| ■ Graduated | 13% | 15% | 13% | 6% | 13% | 28% | 41% | 48% |
| ■ Dropped out | 6% | 4% | 2% | 6% | 40% | 44% | 46% | 52% |

Figure 111: Throughput rates for 360-credit diplomas (Health) with first year of enrolment in 2013 (excluding UNISA)



| | non-accumulative | | | | accumulative | | | |
|---|---|---|---|---|---|---|---|---|
| | 2015 | 2016 | 2017 | 2018* | 2015 | 2016 | 2017 | 2018* |
| ■ Graduated | 44% | 17% | 6% | 3% | 44% | 61% | 67% | 70% |
| ■ Dropped out | 6% | 2% | 1% | 1% | 26% | 27% | 29% | 30% |

* There may be potential graduates remaining in the system after 2018.

Figure 112: Throughput rates for 360-credit diplomas (Language, Journalism & Communication) with first year of enrolment in 2013 (excluding UNISA)



| | non-accumulative | | | | accumulative | | | |
|---|---|---|---|---|---|---|---|---|
| | 2015 | 2016 | 2017 | 2018* | 2015 | 2016 | 2017 | 2018* |
| ■ Graduated | 42% | 17% | 5% | 2% | 42% | 59% | 64% | 66% |
| ■ Dropped out | 4% | 2% | 1% | 2% | 28% | 30% | 32% | 34% |

## 3-year degrees by broad field**

Figure 113: Percentage of the 2013 cohort doing a 3-year degree that graduated in 6 years i.e. by 2018



* There may be potential graduates remaining in the system after 2018.
** A detailed list of the specific knowledge areas included for each broad field can be found in Appendix 3.
   Only the fields with the highest numbers are shown in the graphs for 3-year degrees below.

Figure 114: Headcount of the 2013 cohort doing a 3-year degree that graduated in 6 years i.e. by 2018



Figure 115: Throughput rates for 3-year degrees (Business & Management Sciences) with first year of enrolment in 2013 (excluding UNISA)



|  | 2015 | 2016 | 2017 | 2018* | 2015 | 2016 | 2017 | 2018* |
|---|---|---|---|---|---|---|---|---|
|  | non-accumulative | | | | accumulative | | | |
| Graduated | 31% | 22% | 10% | 4% | 31% | 53% | 62% | 66% |
| Dropped out | 3% | 3% | 2% | 4% | 25% | 27% | 29% | 34% |

* There may be potential graduates remaining in the system after 2018.

Figure 116: Throughput rates for 3-year degrees (Science) with first year of enrolment in 2013 (excluding UNISA)



| | non-accumulative | | | | accumulative | | | |
|---|---|---|---|---|---|---|---|---|
| | 2015 | 2016 | 2017 | 2018* | 2015 | 2016 | 2017 | 2018* |
| ■ Graduated | 21% | 18% | 9% | 4% | 21% | 40% | 49% | 52% |
| ■ Dropped out | 4% | 3% | 2% | 4% | 40% | 42% | 44% | 48% |

Figure 117: Throughput rates for 3-year degrees (Arts and Fine Arts) with first year of enrolment in 2013 (excluding UNISA)



| | non-accumulative | | | | accumulative | | | |
|---|---|---|---|---|---|---|---|---|
| | 2015 | 2016 | 2017 | 2018* | 2015 | 2016 | 2017 | 2018* |
| ■ Graduated | 30% | 15% | 5% | 2% | 30% | 45% | 50% | 51% |
| ■ Dropped out | 4% | 2% | 1% | 2% | 44% | 46% | 46% | 49% |

* There may be potential graduates remaining in the system after 2018.

Figure 118: Throughput rates for 3-year degrees (Social Science) with first year of enrolment in 2013 (excluding UNISA)



| | non-accumulative | | | | accumulative | | | |
|---|---|---|---|---|---|---|---|---|
| | 2015 | 2016 | 2017 | 2018* | 2015 | 2016 | 2017 | 2018* |
| Graduated | 30% | 21% | 6% | 3% | 30% | 51% | 58% | 60% |
| Dropped out | 3% | 2% | 1% | 3% | 34% | 36% | 37% | 40% |

Figure 119: Throughput rates for 3-year degrees (Language, Journalism & Communication) with first year of enrolment in 2013 (excluding UNISA)



| | non-accumulative | | | | accumulative | | | |
|---|---|---|---|---|---|---|---|---|
| | 2015 | 2016 | 2017 | 2018* | 2015 | 2016 | 2017 | 2018* |
| Graduated | 44% | 15% | 4% | 1% | 44% | 60% | 63% | 65% |
| Dropped out | 2% | 2% | 0% | 1% | 32% | 34% | 34% | 35% |

* There may be potential graduates remaining in the system after 2018.

# 4-year degrees by broad field*

Figure 120: Percentage of the 2013 cohort doing 4-year degrees that graduated in 6 years i.e. by 2018



Figure 121: Headcount of the 2013 cohort doing 4-year degrees that graduated in 6 years i.e. by 2018



\* A detailed list of the specific knowledge areas included for each broad field can be found in Appendix 3.
  Only the fields with the highest numbers are shown in the graphs for 4-year degrees.

Figure 122: Throughput rates for 4-year degrees (Education) with first year of enrolment in 2013 (excluding UNISA)



| | non-accumulative | | | accumulative | | |
|---|---|---|---|---|---|---|
| | 2016 | 2017 | 2018* | 2016 | 2017 | 2018* |
| ■ Graduated | 60% | 11% | 4% | 60% | 71% | 75% |
| ■ Dropped out | 3% | 1% | 4% | 20% | 21% | 25% |

Figure 123: Throughput rates for 4-year degrees (Health) with first year of enrolment in 2013 (excluding UNISA)



| | non-accumulative | | | accumulative | | |
|---|---|---|---|---|---|---|
| | 2016 | 2017 | 2018* | 2016 | 2017 | 2018* |
| ■ Graduated | 52% | 17% | 6% | 52% | 70% | 76% |
| ■ Dropped out | 1% | 1% | 4% | 19% | 20% | 24% |

* There may be potential graduates remaining in the system after 2018.

Figure 124: Throughput rates for 4-year degrees (Engineering) with first year of enrolment in 2013 (excluding UNISA)



| | 2016 | 2017 | 2018* | 2016 | 2017 | 2018* |
|---|---|---|---|---|---|---|
| | non-accumulative | | | accumulative | | |
| ■ Graduated | 24% | 18% | 10% | 24% | 42% | 52% |
| ■ Dropped out | 3% | 2% | 11% | 35% | 37% | 48% |

Figure 125: Throughput rates for 4-year degrees (Law) with first year of enrolment in 2013 (excluding UNISA)



| | 2016 | 2017 | 2018* | 2016 | 2017 | 2018* |
|---|---|---|---|---|---|---|
| | non-accumulative | | | accumulative | | |
| ■ Graduated | 29% | 15% | 7% | 29% | 44% | 51% |
| ■ Dropped out | 4% | 2% | 7% | 39% | 42% | 49% |

* There may be potential graduates remaining in the system after 2018.

Figure 126: Throughput rates for 4-year degrees (Social Science) with first year of enrolment in 2013 (excluding UNISA)



| | non-accumulative | | | accumulative | | |
|---|---|---|---|---|---|---|
| | 2016 | 2017 | 2018* | 2016 | 2017 | 2018* |
| Graduated | 51% | 15% | 4% | 51% | 66% | 70% |
| Dropped out | 2% | 1% | 3% | 26% | 27% | 30% |

Figure 127: Throughput rates for 4-year degrees (Arts & Fine Arts) with first year of enrolment in 2013 (excluding UNISA)



| | non-accumulative | | | accumulative | | |
|---|---|---|---|---|---|---|
| | 2016 | 2017 | 2018* | 2016 | 2017 | 2018* |
| Graduated | 47% | 17% | 6% | 47% | 63% | 69% |
| Dropped out | 2% | 1% | 5% | 25% | 26% | 31% |

* There may be potential graduates remaining in the system after 2018.

Figure 128: Throughput within regulation time up to n+2 years for 360-credit diplomas, 3-year degrees, 4-year degrees and weighted national rate with first enrolment in 2013 (excluding UNISA)



| | Regulation Time | n+1 | n+2 | Regulation Time | n+1 | n+2 |
|---|---|---|---|---|---|---|
| | non-accumulative | | | accumulative | | |
| Diploma grads | 23% | 18% | 10% | 23% | 41% | 50% |
| 3-yr deg grads | 30% | 19% | 8% | 30% | 49% | 56% |
| 4-yr deg grads | 46% | 15% | 6% | 46% | 61% | 66% |
| Overall | 32% | 17% | 8% | 32% | 49% | 57% |

Figure 129: Non-accumulative throughput comparisons of 2011, 2012 and 2013 cohorts finishing within regulation time up to n+2 years for 360-credit diplomas, 3-year degrees, 4-year degrees and weighted national rate (excluding UNISA)



| | Regulation Time | n+1 | n+2 | Regulation Time | n+1 | n+2 | Regulation Time | n+1 | n+2 |
|---|---|---|---|---|---|---|---|---|---|
| | 2011 Cohorts | | | 2012 Cohorts | | | 2013 Cohorts | | |
| Diploma grads | 23% | 18% | 10% | 23% | 17% | 10% | 23% | 18% | 10% |
| 3-yr deg grads | 29% | 18% | 8% | 29% | 18% | 8% | 30% | 19% | 8% |
| 4-yr deg grads | 44% | 15% | 6% | 46% | 15% | 5% | 46% | 15% | 6% |
| Overall | 30% | 17% | 8% | 31% | 17% | 8% | 32% | 17% | 8% |

Figure 130: Accumulative throughput comparison of 2011, 2012 and 2013 cohorts finishing within regulation time up to n+2 years for 3-year diplomas, 3-year degrees, 4-year degrees and weighted national rate (excluding UNISA)

| | Regulation Time | n+1 | n+2 | Regulation Time | n+1 | n+2 | Regulation Time | n+1 | n+2 |
|---|---|---|---|---|---|---|---|---|---|
| | 2011 Cohorts | | | 2012 Cohorts | | | 2013 Cohorts | | |
| ■ Diploma grads | 23% | 40% | 50% | 23% | 40% | 50% | 23% | 41% | 50% |
| ■ 3-yr deg grads | 29% | 47% | 55% | 29% | 47% | 55% | 30% | 49% | 56% |
| ■ 4-yr deg grads | 44% | 59% | 65% | 46% | 60% | 65% | 46% | 61% | 66% |
| ■ Overall | 30% | 48% | 56% | 31% | 48% | 55% | 32% | 49% | 57% |

Figure 131: Throughput comparison of 2011, 2012 and 2013 cohorts from regulation time up to n+3 years for 360-credit diplomas (excluding UNISA)

| | Regulation Time | n+1 | n+2 | n+3 | Regulation Time | n+1 | n+2 | n+3 |
|---|---|---|---|---|---|---|---|---|---|
| | non-accumulative | | | | accumulative | | | |
| ■ Graduates 2011 | 23% | 18% | 10% | 4% | 23% | 40% | 50% | 55% |
| ■ Graduates 2012 | 23% | 17% | 10% | 5% | 23% | 40% | 50% | 55% |
| ■ Graduates 2013 | 23% | 18% | 10% | 4% | 23% | 41% | 50% | 55% |
| ■ Drop outs 2011 | 7% | 4% | 1% | 5% | 35% | 39% | 40% | 45% |
| ■ Drop outs 2012 | 7% | 3% | 1% | 5% | 36% | 39% | 40% | 45% |
| ■ Drop outs 2013 | 6% | 3% | 1% | 5% | 36% | 39% | 40% | 45% |

Figure 132: Throughput comparison of 2011, 2012 and 2013 cohorts from regulation time up to n+3 years for 3-year degrees (excluding UNISA)



| | Regulation Time | n+1 | n+2 | n+3 | Regulation Time | n+1 | n+2 | n+3 |
|---|---|---|---|---|---|---|---|---|
| | | non-accumulative | | | | accumulative | | |
| Graduates 2011 | 29% | 18% | 8% | 3% | 29% | 47% | 55% | 58% |
| Graduates 2012 | 29% | 18% | 8% | 3% | 29% | 47% | 55% | 58% |
| Graduates 2013 | 30% | 19% | 8% | 3% | 30% | 49% | 56% | 59% |
| Drop outs 2011 | 5% | 3% | 1% | 3% | 36% | 39% | 39% | 42% |
| Drop outs 2012 | 5% | 2% | 1% | 3% | 36% | 38% | 39% | 42% |
| Drop outs 2013 | 3% | 2% | 1% | 3% | 34% | 36% | 38% | 41% |

Figure 133: Throughput comparison of 2010, 2011 and 2012 cohorts from regulation time up to n+2 years for 4-year degrees (excluding UNISA)



| | Regulation Time | n+1 | n+2 | Regulation Time | n+1 | n+2 |
|---|---|---|---|---|---|---|
| | | non-accumulative | | | accumulative | |
| Graduates 2011 | 44% | 15% | 6% | 44% | 59% | 65% |
| Graduates 2012 | 45% | 15% | 5% | 45% | 60% | 65% |
| Graduates 2013 | 46% | 15% | 6% | 46% | 61% | 66% |
| Drop outs 2011 | 3% | 1% | 5% | 29% | 30% | 35% |
| Drop outs 2012 | 2% | 2% | 6% | 28% | 29% | 35% |
| Drop outs 2013 | 3% | 1% | 5% | 27% | 28% | 34% |

Figure 134: Throughput rates at UNISA for 360-credit diplomas with first year of enrolment in 2011



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018* | 2016 | 2017 | 2018* |
|---|---|---|---|---|---|---|---|---|---|
| | | | non-accumulative | | | | | accumulative | |
| ■ Graduated | 1% | 3% | 4% | 3% | 1% | 1% | 10% | 12% | 12% |
| ■ Dropped out | 9% | 6% | 6% | 3% | 1% | 3% | 84% | 85% | 88% |

Figure 135: Throughput rates at UNISA for 3-year degrees with first year of enrolment in 2011



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018* | 2016 | 2017 | 2018* |
|---|---|---|---|---|---|---|---|---|---|
| | | | non-accumulative | | | | | accumulative | |
| ■ Graduated | 2% | 6% | 5% | 5% | 3% | 2% | 17% | 20% | 22% |
| ■ Dropped out | 9% | 5% | 4% | 2% | 1% | 11% | 66% | 67% | 78% |

* There may be potential graduates remaining in the system after 2018.
** The different mode of study (distance and often part-time) at the University of South Africa (UNISA), impacts on the time it takes a student to graduate. These completion rates cannot be compared to those for the sector as a whole.

Figure 136: Throughput rates at UNISA for 4-year degrees with first year of enrolment in 2011



| | non-accumulative | | | | | accumulative | | |
|---|---|---|---|---|---|---|---|---|
| | 2014 | 2015 | 2016 | 2017 | 2018* | 2016 | 2017 | 2018* |
| Graduated | 3% | 10% | 9% | 5% | 4% | 22% | 27% | 31% |
| Dropped out | 3% | 3% | 1% | 1% | 12% | 56% | 57% | 69% |

# Postgraduates

Figure 137: Throughput rates for postgraduate diplomas or certificates with first year of enrolment in 2013 (excluding UNISA)



| | non-accumulative | | | | | | accumulative | | |
|---|---|---|---|---|---|---|---|---|---|
| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2014 | 2016 | 2018* |
| Graduated | 53% | 21% | 5% | 1% | 1% | 1% | 80% | 81% | 81% |
| Dropped out | 17% | 2% | 0% | 0% | 0% | 0% | 19% | 18% | 19% |

* There may be potential graduates remaining in the system after 2018.
  The negative percentages (e.g. -0.3) show those students that returned after stopping out.

Figure 138: Percentage of the 2013 cohort doing postgraduate diplomas or certificates that graduated in 3 years i.e. by 2015 (excluding UNISA)



Figure 139: Headcount of the 2013 cohort doing postgraduate diplomas or certificates that graduated in 3 years i.e. by 2015 (excluding UNISA)

Figure 140: Percentage of the 2013 cohort doing Honours that graduated in 3 years i.e. by 2015



Figure 141: Headcount of the 2013 cohort doing Honours that graduated in 3 years i.e. by 2015

Figure 142: Throughput rates for Honours with first year of enrolment in 2013 (excluding UNISA)

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2015 | 2016 | 2017 | 2018* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | non-accumulative | | | | | accumulative | | |
| Graduated | 51% | 16% | 7% | 3% | 2% | 1% | 73% | 77% | 78% | 79% |
| Dropped out | 13% | 5% | 2% | 0% | 0% | 1% | 19% | 20% | 20% | 21% |

Figure 143: Throughput rates for coursework Masters with first year of enrolment in 2013 (excluding UNISA)

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2015 | 2016 | 2017 | 2018* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | non-accumulative | | | | | accumulative | | |
| Graduated | 7% | 21% | 16% | 9% | 5% | 3% | 43% | 52% | 58% | 61% |
| Dropped out | 17% | 9% | 5% | 2% | 1% | 5% | 31% | 32% | 34% | 39% |

* There may be potential graduates remaining in the system after 2018.

Figure 144: Percentage of the 2013 cohort doing coursework Masters that graduated in 4 years i.e. by 2016



Figure 145: Headcount of the 2013 cohort doing coursework Masters that graduated in 4 years i.e. by 2016

Figure 146: Percentage of the 2013 cohort doing research Masters that graduated in 4 years i.e. by 2016



Figure 147: Headcount of the 2013 cohort doing research Masters that graduated in 4 years i.e. by 2016

Figure 148: Throughput rates for research Masters with first year of enrolment in 2013 (excluding UNISA)



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2015 | 2016 | 2017 | 2018* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | non-accumulative | | | | | | accumulative | |
| Graduated | 6% | 14% | 16% | 11% | 6% | 3% | 36% | 47% | 54% | 57% |
| Dropped out | 20% | 10% | 5% | 3% | 1% | 5% | 35% | 38% | 39% | 43% |

Figure 149: Throughput rates for Doctoral degrees with first year of enrolment in 2013 (excluding UNISA)



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2015 | 2016 | 2017 | 2018* |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | non-accumulative | | | | | | accumulative | |
| Graduated | 2% | 4% | 12% | 15% | 13% | 9% | 18% | 33% | 46% | 54% |
| Dropped out | 14% | 5% | 4% | 3% | 2% | 18% | 23% | 26% | 28% | 46% |

* There may be potential graduates remaining in the system after 2018.

Figure 150: Percentage of the 2013 cohort doing Doctoral degrees that graduated in 6 years i.e. by 2018



Figure 151: Headcount of the 2013 cohort doing Doctoral degrees that graduated in 6 years i.e. by 2018

# FINANCIAL DATA

Figure 152: Funding allocated to universities in real and nominal terms for 2013/14 to 2018/19*

| | 2013/14 | 2014/15 | 2015/16 | 2016/17 | 2017/18 | 2018/2019 |
|---|---|---|---|---|---|---|
| Nominal | R 26 082 062 000 | R 28 069 986 000 | R 30 338 205 000 | R 36 858 629 000 | R 43 916 062 000 | R 53 602 558 000 |
| Real (CPI+2%) | R 5 667 929 601 | R 5 658 560 449 | R 5 683 833 847 | R 6 441 631 605 | R 7 086 823 879 | R 8 106 797 900 |

Figure 153: Funding allocated to universities as a percentage of GDP and of state budget respectively from 2013/14 to 2018/19**

| | 2013/14 | 2014/15 | 2015/16 | 2016/17 | 2017/2018 | 2018/19 |
|---|---|---|---|---|---|---|
| % of State budget | 2,49% | 2,48% | 2,43% | 2,81% | 2,77% | 3,22% |
| % of GDP | 0,72% | 0,73% | 0,74% | 0,84% | 0,82% | 1,06% |

* Source: DHET: CPI analysis from 1994 to 2019 (The source for Figure 152 changed to reflect the effects of CPI on funding in real terms – In 1994:R3 314M = R3 314M;1999:R6 610M = R4 086M).

** Source: DHET: University State Budgets: Public Report March 2019.

Figure 154: Proportion of block to earmarked funding (including NSFAS allocation) from 2013/14 to 2018/19**

| | 2013/14 | 2014/15 | 2015/16 | 2016/17 | 2017/18 | 2018/19 |
|---|---|---|---|---|---|---|
| ■ Earmarked | R 7 643 478 000 | R 8 508 752 000 | R 9 799 844 000 | R 15 180 531 000 | R 13 803 252 000 | R 24 579 366 000 |
| ■ Block | R 18 438 584 000 | R 19 561 234 000 | R 20 538 361 000 | R 21 678 098 000 | R 25 322 874 000 | R 29 023 192 000 |

(Earmarked percentages shown: 29,3% / 30,3% / 32,3% / 41,2% / 35,3% / 45,9%)

Figure 155: Proportion of block to earmarked funding (excluding NSFAS allocation) from 2013/14 to 2018/19

| | 2013/14 | 2014/15 | 2015/16 | 2016/17 | 2017/18 | 2018/19 |
|---|---|---|---|---|---|---|
| ■ Earmarked-NSFAS | R 3 950 183 000 | R 4 593 859 000 | R 5 704 866 000 | R 6 286 720 000 | R 6 283 967 000 | R 9 678 097 000 |
| ■ Block | R 18 438 584 000 | R 19 561 234 000 | R 20 538 361 000 | R 21 678 098 000 | R 25 322 874 000 | R 29 023 192 000 |

(Earmarked-NSFAS percentages shown: 17,6% / 19,0% / 21,7% / 22,5% / 19,9% / 25,0%)

** Source: DHET: University State Budgets: Public Report March 2019.

Figure 156: Disaggregated funding for NSFAS, teaching grants, research grants and other grants from 2013/14 to 2018/19*

| | 2013/14 | 2014/15 | 2015/16 | 2016/17 | 2017/18 | 2018/19 |
|---|---|---|---|---|---|---|
| NSFAS | R 3 693 295 000 | R 3 914 893 000 | R 4 094 978 000 | R 8 893 811 000 | R 7 519 285 000 | R 14 901 269 000 |
| Teaching | R 14 861 198 000 | R 15 687 741 000 | R 16 354 820 000 | R 17 265 557 000 | R 20 530 855 000 | R 23 541 220 000 |
| Research | R 2 523 331 000 | R 2 770 101 000 | R 3 013 169 000 | R 3 186 831 000 | R 3 346 481 000 | R 3 822 396 000 |
| Other** | R 5 004 238 000 | R 5 697 251 000 | R 6 875 238 000 | R 7 512 430 000 | R 7 729 505 000 | R 11 337 673 000 |

NSFAS percentages: 14,2% / 13,9% / 13,5% / 24,1% / 19,2% / 27,8%
Teaching percentages: 57,0% / 55,9% / 53,9% / 46,8% / 52,5% / 43,9%
Research percentages: 9,7% / 9,9% / 9,9% / 8,6% / 8,6% / (not shown)
Other percentages: 19,2% / 20,3% / 22,7% / 20,4% / 19,8% / 21,2%

Figure 157: NSFAS funding for university students only from 2013 to 2018

| | 2013/2014 | 2014/2015 | 2015/2016 | 2016/2017 | 2017/18 | 2018/19 |
|---|---|---|---|---|---|---|
| DHET earmarked | R 3 693 295 000 | R 3 914 893 000 | R 4 094 978 000 | R 8 893 811 000 | R 7 519 285 000 | R 14 901 269 000 |
| Actual loans recovered | R 338 820 613 | R 247 562 484 | R 227 800 000 | R 392 400 990 | R 512 800 000 | R 721 717 825 |
| Other sources*** | R 2 696 954 357 | R 2 807 485 338 | R 2 871 840 509 | R 1 018 544 659 | R 4 074 222 436 | R 2 750 251 722 |
| Total | R 6 729 069 970 | R 6 969 940 822 | R 7 194 618 509 | R 10 304 756 649 | R 12 106 307 436 | R 18 373 238 547 |

* Source: DHET: University State Budgets: Public Report March 2019 and data provided by NSFAS from the memorandum of the Parliamentary Office Internal Question Paper 11 of 2015, NSFAS annual reports.
**Other includes: Institutional Factor grants, Infrastructure & Output efficiencies allocations, allocations for the two new universities, Foundation provision grants, grants for clinical and veterinary sciences and grants to institutions such as AIMS and NIHSS.
***Other sources include: universities, DBE, NSF, other government departments, private sector, and other sources of funding.

Figure 158: NSFAS Student Awards (in thousands) from 2013 to 2018*

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| University allocation | R 6 729 070 | R 6 969 941 | R 7 194 619 | R 10 304 757 | R 12 106 307 | R 18 373 239 |
| TVET allocation | R 1 953 253 | R 1 991 488 | R 2 095 130 | R 2 106 267 | R 2 012 108 | R 2 742 607 |
| Total | R 8 701 406 | R 8 962 470 | R 9 289 748 | R 12 411 024 | R 14 118 415 | R 21 115 845 |

Figure 159: Headcount university students funded through NSFAS from 2013 to 2018*

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| Total students | 194 923 | 186 450 | 178 961 | 225 950 | 260 002 | 346 966 |
| Final year students* | 26 814 | 21 612 | 25 208 | 22 461 | 899 | 0 |

* Source: NSFAS Annual Reports from 2013 to 2018

Figure 160: Proportion of institutional funding per source and institutions grouped by type 2018*



*Audited financial statements of the universities for the period 2013/14 to 2018/19. Pretoria: DHET.

Figure 161: Proportional disaggregation of institutional funding per source from 2013/14 to 2018/19 *



| | 2013/14 | 2014/15 | 2015/16 | 2016/17 | 2017/18 | 2018/19 |
|---|---|---|---|---|---|---|
| State | 40% | 38% | 39% | 40% | 40% | 41% |
| Tuition fees | 33% | 33% | 35% | 33% | 35% | 36% |
| Third stream | 27% | 28% | 26% | 27% | 25% | 23% |

# Research Funding**

Figure 162: Research output units by publication type from 2013 to 2018



| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| Journals | 11 997,38 | 13 135,86 | 13 976,41 | 15 187,77 | 15 388,42 | 15 756,06 |
| Books** | 774,37 | 879,68 | 994,77 | 2 275,57 | 2 207,94 | 2 069,93 |
| Conference proceedings | 1 236,92 | 1 301,32 | 1 349,58 | 1 347,87 | 1 275,91 | 1 272,73 |
| Total | 14 008,67 | 15 316,86 | 16 320,76 | 18 811,21 | 18 872,27 | 19 098,72 |

* Audited financial statements of the universities for the period 2013/14 to 2018/19. Pretoria: DHET.
** Source: Ministerial statements on higher education funding and research output reports produced by DHET.

Figure 163: Percentage research output units (all publication types) by broad field from 2013 to 2018*

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|
| ■ B&C | 8% | 9% | 10% | 9% | 9% | 9% |
| ■ Edu | 6% | 7% | 7% | 6% | 6% | 6% |
| ■ Hum | 33% | 32% | 31% | 31% | 30% | 28% |
| ■ SET | 53% | 52% | 52% | 55% | 55% | 57% |

Figure 164: Per capita and percentage research output units (all publication types) by CESM for 2018*

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Units | 965 | 246 | 236 | 1 793 | 182 | 506 | 1 209 | 1 826 | 3 058 | 25 | 581 | 799 | 1 841 | 1 677 | 606 | 63 | 1 132 | 362 | 265 | 1 725 |

* Source: Ministerial report on the evaluation of the universities' research publication outputs 2019. The CESM categories are listed in Appendix 2.

Figure 165: Research output units per capita by institution for 2013 and 2018*



* Source: Ministerial report on the evaluation of the universities' research publication outputs 2013 and 2018.

# Appendix 1:
# Institutions by institutional type

## Traditional Universities

North-West University (NWU)
Rhodes University (RU)
University of Cape Town (UCT)
University of Fort Hare (UFH)
University of the Free State (UFS)
University of KwaZulu-Natal (UKZN)
University of Limpopo (UL)
University of Pretoria (UP)
University of Stellenbosch (SU)
University of the Western Cape (UWC)
University of the Witwatersrand (Wits)

## Comprehensive Universities

Nelson Mandela University (NMU)
Sefako Makgatho Health Sciences University (SMU)
Sol Plaatjie University (SPU)
University of Johannesburg (UJ)
University of Mpumalanga (UMP)
University of South Africa (UNISA)
University of Venda (UV)
University of Zululand (UZ)
Walter Sisulu University (WSU)

## Universities of Technology

Cape Peninsula University of Technology (CPUT)
Central University of Technology (CUT)
Durban University of Technology (DUT)
Mangosuthu University of Technology (MUT)
Tshwane University of Technology (TUT)
Vaal University of Technology (VUT)

# Appendix 2:

# Classification of Educational Subject Matter (CESM) categories

CESM 01:    Agriculture, Agricultural Operations and Related Sciences
CESM 02:    Architecture and the Built Environment
CESM 03:    Visual and Performing Arts
CESM 04:    Business, Economics and Management Studies
CESM 05:    Communication, Journalism and Related Studies
CESM 06:    Computer and Information Sciences
CESM 07:    Education
CESM 08:    Engineering
CESM 09:    Health Professions and Related Clinical Sciences
CESM 10:    Family Ecology and Consumer Sciences
CESM 11:    Languages, Linguistics and Literature
CESM 12:    Law
CESM 13:    Life Sciences
CESM 14:    Physical Sciences
CESM 15:    Mathematics and Statistics
CESM 16:    Military Sciences
CESM 17:    Philosophy, Religion and Theology
CESM 18:    Psychology
CESM 19:    Public Management and Services
CESM 20:    Social Sciences

# Appendix 3:

# Cohort methodology and list of specific knowledge areas included in the broad fields used in the cohort study

## Methodological note for cohort analysis

Based on CESM categories and qualifiers, qualifications were recoded into uniform qualification names for the purpose of uniformity and to reduce the number of groups to be analysed. These groupings are shown in this Appendix.

Student cohorts were then defined and identified as follows:

- At undergraduate level (for first qualifications), a cohort comprised the first-time entering students in a particular year, in the relevant qualification group who were selected as the new entrants.
- For honours and postgraduate diplomas and certificates the cohort comprised new entrants made up of students from all three categories; namely, first-time entering, transfer and entering.
- For masters and doctoral students all students who had not been enrolled in the previous year were deemed to be new entrants.

Any student in a cohort who graduated before the minimum expected duration of a qualification was deleted from the cohort on the assumption that the entrance category of the student was incorrect, or that the student had carried credits into the qualification being analysed.

Two types of analyses were performed:

1. Where cohort analyses were performed by uniform qualification name, any student who discontinued his/her studies in a particular uniform qualification during the period analysed was counted as a drop-out for that particular uniform qualification classification.
2. An analysis was also done ignoring the uniform qualification classification, and any student who qualified in the same qualification type i.e. degree or diploma of any sort, was counted as a successful graduate. This analysis showed slightly higher completion rates. Students who discontinued their studies in the qualification type being analysed and who moved to a different qualification type e.g. from a degree to a diploma, were seen as a dropout for the degree, but a completion for the diploma.

In both analyses, students who discontinued their studies during the period of analysis and then returned (stop-outs) were discounted against the number of dropouts in the year that they returned. This accounts for the negative dropout numbers shown in some graphs. They were counted as successful if they graduated during the period analysed.

UNISA's cohort analyses are complicated by the fact that large numbers of students interrupt their studies for a number of years.

*Please note that all extended programmes were included in these groupings as they are too complex to exclude.

# Uniform Name Classifications

## 360-credit Diplomas

### Agriculture

Agricultural Management, Agriculture, Animal Health, Animal Production, Equine Science, Fisheries Resource Management, Food Technology, Forestry, Game Ranch Management, Horticulture, Pulp and Paper Technology, Turf Grass Management, Wood Technology.

### Architecture and Built Environment

Architecture, Architectural Technology, Building, Building Surveying, Construction Supervision, Landscape Technology, Surveying, Town and Regional Planning.

### Arts and Fine Arts

Ceramic Design, Dance, Drama, Fashion Design and Technology, Fashion, Film and Television Production, Film and Video Technology, Fine Art, Graphic Design, Human Sciences, Interior Design, International Communication, Journalism, Jewellery Design and Manufacture, Journalism, Language Practice, Media Studies, Motion Picture Production, Multimedia, Music, Musical Theatre, Opera, Performing Arts Technology, Photography, Surface Design, Three Dimensional Design, Translation and Interpreting Practice, Vocal Art.

### Business and Management Sciences

Accounting, Administrative Management: General/ Financial, Company Administration, Adventure Tourism Management, Business Administration, Business Communication, Business Management, Commercial Administration, Commercial Practice, Cost and Management Accounting, Credit Management, Credit Management, Economic Management Accounting, Economic Management Analysis, Economics, Ecotourism Management, Entrepreneurship, Event Management, Finance and Accounting, Financial Information Systems, Hospitality Management, Human Resources Management/ Development, Import and Export Management, Internal Auditing, Inventory and Stores Management, Labour Relations, Logistics, Management of Training, Management Sciences, Management Services, Management, Maritime Studies, Marketing, Office Management and Technology, Office Management, Open Space and Recreation Management, Operations Management, Organisational & Work Study: Factories, Organisational Leadership, Packaging and Printing Management, Personnel Management, Printing Management, Production Management, Productions and Operations Management, Public Relations Management, Purchase Management, Purchasing Management, Real Estate, Recreation Management, Retail Business Management, Secretarial: Office Administration, Small Business Management, Sport Administration and Marketing, Sport Management, State accounts and Finance (inland), Taxation, Tourism Management, Transport Economics, Transportation Management, Travel and Tourism.

### Computer Science, Information Technology and Information Sciences

Computer Studies, Computer Systems, Information Technology (Business Applications, Communication Network, Software Development, Technical Applications).

### Education

Adult Basic Education and Training, Adv Cert in Education (Specialisation), Adv Cert in Education, College HE Diploma, Education (Commerce), Education (FET): Specialisation, Education (GET): Foundation Phase, Education (GET): Intermediate and Senior Phase, Education (Home Economics), Education (Natural Sciences), Education (Technical), Junior Primary Teachers, Secondary Teachers Diploma (Technical), Secondary Teachers Diploma, Senior Primary Teachers Diploma.

### Engineering

Chemical, Civil (Provision), Civil, Coal Mining, Electrical (Light Cur), Electrical (Provision), Electrical, Engineering Computer Systems, Explosives Management, Industrial (Provision), Industrial, Marine Engineering, Mechanical, Mechatronics, Metalliferous Mining, Metallurgy, Mine Engineering, Mine Surveying, Mineral Surveying, Science Engineering and Technology, Surface Mining.

### Family Ecology and Consumer Sciences

Catering Management, Child and Youth Development, Clothing Management, Clothing Production, Clothing, Consumer Sciences: Food & Nutrition, Food and Beverage Management, Food and Consumer Sciences, Food and Nutrition, Food Service Management, Textile Design, Textile Technology, Wet Processing, Textile Technology: Dry Processing.

### Health

Biomedical Technology, Chiropractic, Clinical Technology, Dental Technology, Emergency Medical Care, Environmental Health, Health Services Administration, Homoeopathy, Medical Orthotics and Prosthetics, Medical Technology, Optical Dispensing, Optometry, Podiatry, Radiography: Diagnostic, Radiography: Nuclear Medicine, Radiology: Somatology, Radiology: Therapy, Radiology: Ultrasound, Veterinary Technology.

### Law

Civil Law Administration, Deeds Registration Law, Labour Relations, Legal Assistance, Registration of Deeds.

### Public Management and Services

Contact Centre Management, Correctional Services Management, Government Finance, Local Government Finance, Local Government Management, Police Administration, Policing, Public Accounting, Public Management and Administration, Public Management, Public Relations Management, Road Traffic and Municipal Police Management, Safety Management, Security Management, Security Risk Management, Traffic Safety Management.

### Science

Analytical Chemistry, Biotechnology, Cartography, Computer Studies, Computer Systems, Environmental Management, Environmental Sciences, Explosive Technology, Extraction Metallurgy, Fire Service Technology, Fire Technology, Fuel Technology, Geology, Geotechnology, Information Technology, Information Technology: Business Applications, Information Technology: Communication Network, Information Technology: Software Development, Information Technology: Technical Applications, Mathematical Technology, Meteorology, Nature Conservation, Non Destructive Testing, Oceanography, Officiating and Coaching Science, Plastic Technology, Polymer Technology, Rubber Technology, Sport and Exercise Technology, Water Care.

### Social Science

Archival Studies, Community Extension, Library and Information Practice, Library and Information Studies.


## 3-year Degrees

### Arts and Fine Arts

Combinations of: Applied Leisure Science, Arts, Art History, Audio Visual Production Management, Cognitive Science, Combined Arts, Community Development, Conservation, Culture & Arts, Culture & Heritage Tourism Management, Culture, Design, Development Studies, Digital Media Design, Drama, Economics, Environmental Planning, Environmental Studies, Fashion Design, Film and Television Studies, Fine Arts, Geographical Sciences, Geography, Human Movement Science, Human Resource Development, Humanities, Industrial Design, Interior Design, International Relations, International Studies, Islamic Studies, Labour Relations, Law, Leadership,  Life skills and Counselling, Marketing Research, Music, Pastoral Guidance, Performance Studies, Philosophy, Physical Education, Policy Studies, Political Leadership and Citizenship, Politics, Psychology, Public Administration, Religion, Social and Marketing Research, Social Research, Social Sciences, Social Work Society, Sociology, Sport & Exercise, Sport Coaching, Sport Development, Sport Psychology, Sport Recreation & Exercise Science, Theatre Studies, Tourism and Sustainable Development, Tourism Development, Tourism Management, Visual Arts, Visual Communication Design, Visual Culture Studies, Visual Studies.

### Languages, Journalism and Communication

Afrikaans, , Audio-visual Communication, Communication, Communication Science, Corporate Communication, Creative Writing, Dutch, English, French, German, Greek, Hebrew, IsiZulu, Journalism, Languages, Language Practice, Latin, Linguistics, Marketing, Media Communication and Culture, Media Studies, Organisational Communication, Sesotho, Sign Language, Sport Communication.

### Agriculture

Agribusiness Management, Agricultural Administration, Agricultural Economics, Agricultural Enterprise Management, Agricultural Extension and Rural Resources Management, Agricultural Management, Agricultural Science, Agriculture Economics, Agriculture, Animal Production, Animal Production Management, Animal Science, Cellar Management, Cellar Technology, Crop Production Management, Food Science, Horticulture Management, Irrigation Management, Mixed Farming Management, Plant Breeding, Plant Health Ecology, Plant Pathology, Plant Production, Soil Sciences, Wildlife Management, Wood Sciences.

## Architecture and Built Environment

Architectural Studies, Architecture and the Built Environment, Construction Economics and Computer Science, Construction Economics, Construction Management Studies, Construction Studies, Housing Development, Landscape Architecture, Property Development, Quantity Surveying Studies, Surveying, Urban and Regional Planning.

## Business and Management Sciences

Accountancy, Accounting and Informatics, Accounting and Law, Accounting Science, Accounting, Actuarial Science, Banking, Agricultural Commerce, Applied Leisure Science Events and Facility Management, Applied Leisure Science, Auditing, Banking, Business Administration, Business Informatics, Business Information Management, Business Information Systems, Business Management, Business Studies, Chartered Accountancy, Chartered Marketing, Commerce and Communication, Commerce and Computer Science and Information Systems, Commerce and Computer Science and Statistics, Commerce and Informatics, Commerce and Information Management, Commerce and Information Systems, Commerce and Information Technology Management, Commerce and Law and Information Management, Commerce and Law, Commerce and Management Information Systems, Commerce and Statistics, Commerce, Communication Management, Cost Management, Culture and Heritage Tourism, Development Economics, Development Management, Development Studies, Economics and Econometrics, Economics and Statistics, Economics, Ecotourism Management, Entrepreneurial Management, Entrepreneurial Management, Entrepreneurship, Environmental Economics, Events Management, Finance, Financial Information Management, Financial Journalism, Financial Management, Financial Mathematics, Financial Modelling, Financial Planning, Financial Sciences, Forensic Accountancy, General Accounting, General Management, Heritage and Cultural Tourism, Hospitality Management, Human Resource Development, Human Resource Management, Industrial and Organisational Psychology, Industrial Organisational & Labour Studies, Industrial Psychology, Industrial Psychology and Human Resource Management, Informatics, Information Management, Insurance, Internal Auditing, International Business, International Economics, Investment Management, Investment Science, Labour Relations, Leadership, Logistics and Transport Management, Logistics Management, Management Accounting, Management, Management Leadership, Marketing and Tourism Management, Marketing Management, Marketing, Monetary Economics, Outdoor Recreation Management, Personnel Leadership, Philosophy and Economics, Planning and Development, Politics and Economics, Property Studies, Public Administration and Economics, Public Sector Information Management, Quantitative Management, Real Estate, Risk Analysis, Risk Management, Sports Management, Sport & Recreation Management, Sport and Leisure in Society, Statistics, Supply Chain Management, Taxation, Tourism and Indigenous Development, Tourism Development, Tourism Management, Tourism Studies, Transport and Logistics, Transport Economics, Transport Management, Transport.

## Computer Science, Information Technology and Information Sciences

Computer Linguistics, Computer Science, Computing, Informatics, Data Communication, Engineering Science in Digital Engineering, Geographic Information Systems, Information Systems, Information Technology for Industry and Mining, Information Technology Management.

## Education

In Service Training for Foundation Phase/ Intermediate Phase and Further Education and Training, In Service Training Information and Communications Technology (ICT), In Service Training in Mathematics, Adult and Continuous Education, Computer Education.

## Engineering Tech

Chemical Engineering, Civil Engineering, Electrical Engineering, Electronic Engineering, Extraction Metallurgy, Industrial Engineering, Marine Engineering, Mechanical Engineering, Mining Engineering, Physical Metallurgy, Power Engineering.

## Family Ecology and Consumer Sciences

Consumer Sciences, Family Ecology, Hospitality, Human Nutrition, Settlement Studies, Tourism.

## Health

Advanced Midwife and Neonatal Nursing Science, Advance Practice Nursing, Advanced Nursing Science, Anatomy, Audiology, Biokinetics, Dietetics, Biomedical Engineering, Biomedical Sciences, Child Nursing Science, Clinical Medical Practice, Clinical Practice, Community Health and Management, Community Nursing Science, Critical Care Nursing Science, Dental Therapy, Dentistry, Diagnostic Radiology, Forensic Science and Technology, Health Promotion, Health Sciences and Social Services, Health Sciences, HIV, Human Biology, Human Movement Sciences, Medical and Surgery Nursing Science, Critical Care Nursing Science, Medical Bioscience, Medical Microbiology, Medical Laboratory Science, Medical Practice, Medical Science in Physiology, Medical Sciences, Medicine, Neonatal Nursing, Nursing Education and Management, Nursing, Nursing Management, Nursing Science, Occupational Health Nursing Science, Operating Theatre Nursing, Oral Health, Oral Hygiene, Radiation Sciences, Radiography (Clinical), Radiography (Diagnostic), Speech-Language Pathology, Trauma and Emergency Nursing.

## Law

Criminal Justice, Financial Planning Law, Occupational Risk Law.

## Psychology

Behavioural Genetics, Industrial Psychology, Psychology, Psychometrics, Sport Psychology.

## Public Management and Services

Accounting, Administration in Human Settlements Management, Community Safety and Socio-Legal Studies, Criminal Justice, Criminology, Economic Policy, Ethics Studies, General Management, Government Administration and Development, Human Resource Management, Industrial Psychology, Information Management, International Relations, Local Government Management, Local Government, Police Science, Police Studies, Policy Studies, Political Studies, Public Administration, Public Affairs, Public Finance, Public Governance, Public Management, Public Procurement Management, Public Sector Economic Policy, Public Sector Economics, Public Sector Human Resource Management, Public Sector Information Management, Public Sector Management Accounting, Public Sector Personnel Management, Rural Development Management.

## Science

Abstract Mathematics, Actuarial and Financial Mathematics, Actuarial Sciences, Agrometeorology, Applied Geology, Applied Mathematics, Applied Statistical Science, Aquatic Health, Astrophysics, Atmospheric Sciences, Biochemistry, Biodiversity, Bioinformatics, Biological Sciences, Biomedical Sciences, Biotechnology, Botany, Chemical Biology, Chemical Science, Chemical Technology, Chemistry, Community Water Management, Climate Sciences, Conservation Biology, Data Mining, Data Science, Earth Science, Ecological Sciences, Econometrics, Electronics, Engineering Science in Biomedical Engineering, Entomology, Environmental and Engineering Geology, Environmental and Resource Studies, Environmental Geology, Environmental Management, Environmental Rehabilitation, Environmental Sciences, Environmental Studies, Exercise Science, Exploration Geophysics, Explosives Management, Financial Mathematics, Food Science, Food Science & Technology, Forensic Science, Genetics, Geochemistry, Geography, Geographic Information Systems, Geoinformatics, Geology, Geological Science, Geosciences, Genetics, Human Biology, Human Genetics, Human Life Sciences, Human Molecular Biology, Human Physiology, Hydro Sciences, Hydrobiology, Hydrology, Industrial Mathematics, Industrial Science, Informatics, Investment Sciences, Laser Physics, Life Sciences, Marine Biology, Material Science, Materials Development, Mathematical Sciences, Mathematical Statistics, Mathematics, Medical Microbiology, Medical Science, Microbic Diversity, Microbiology, Mineral Sciences, Mine Surveying, Molecular Sciences, Molecule Biology, Natural Sciences, Natural Sciences, Nuclear Sciences, Operations Research, Pest Management, Physical Sciences, Physics, Physiology, Physiological Sciences, Plant Biotechnology, Plant Molecular Biology, Plant Science, Polymer Sciences, Social Biology, Soil Sciences, Sport Coaching Sciences, Sports Science, Statistics, Textile Sciences, Theoretical Physics, Water Resources Management, Water Science, Zoology.

## Social Science

African Studies, Anthropology, Classic Studies, Community Development, Cultural Studies, Demography, Development and Leadership, Development and Environmental Studies, Ethics and Politics and Economics, Gender Studies, Geographical Environmental Management, Geography and Anthropology, Governance and Political Transformation, Government Business Ethics, Heritage Studies, History, Housing, Human and Social Studies, Human and Societal Dynamics, Human Settlements, Humanities, Industrial Society and Labour Studies, Industrial Working Life, Information and Knowledge Management, Information Science, International Studies, Library Sciences, Philosophy and Policy and Law, Philosophy, Policy studies, Political Science and International Relations, Political Studies, Politics Philosophy and Economic Sciences, Population and Development Studies, Population Studies, Social Dynamics, Social Informatics, Social Research, Social Science, Social Work, Socio Informatics, Sociology, Urban & Rural Studies, Sport and Leisure in Society, Sport Development, Training and Development, Youth in Development, Youth Work.

## Theology

Bible Languages, Biblical Studies, Christian Ministries, Church Ministry, Diaconiology, Pastoral Counselling, Theological Foundations, Theology, Youth Work.

# 4-year Degrees

## Arts and Fine Arts

Dance, Digital Arts, Dramatic Arts, Fine Arts, Graphic Design, Jazz and Pop Music, Jewellery, Music Composition, Music Education, Music, Musicology, Performing Arts, Theatre, Visual Arts, Visual Communication Development.

## Human Movement Science and Sport & Exercise

Human Movement Education, Physical and Health Education.

## Languages, Journalism and Communication

Communication Studies, Development Communication, Journalism, Languages Education, Language Practice.

## Agriculture

Agricultural Agro meteorology (Grassland Sciences, Plant Pathology, Soil Science), Agricultural Business Management, Agricultural Economics, Agricultural Education, Agricultural Management, Agriculture, Agriculture and Biosystems Engineering, Agrometeorology, Agronomy, Animal Breeding, Animal Genetics, Animal Health, Animal Production Management, Animal Production, Animal Sciences, Applied Plant and Soil Sciences, Aquaculture, Community Agriculture, Crop Production Management, Crop Protection, Crop Science, Entomology, Food Science and Biochemistry, Food Science and Microbiology, Food Science Technology, Food Science, Forestry, Grassland Sciences, Horticulture, Human Settlement Development, Irrigation, Land-Use Planning, Meat Science, Molecular Genetics, Nursery Management, Ornamental Horticulture, Pasture Management, Pasture Sciences, Plant Breeding, Plant Pathology, Plant Production, Plant Protection, Soil Science, Vineyard and Wine Sciences, Weed Science, Wood Production, Woodwork, Wood Sciences.

## Architecture and Built Environment

Architectural Studies, Architecture, Building Administration, Building, Construction Management, Land and Property Development Management, Property Studies, Quantity Surveying, Town and Regional Planning.

## Business and Management Sciences

Accountancy, Accounting Science, Accounting, Actuarial Science, Banking, Business Administration, Business Communication, Business Science, Commerce Education, Development Economics, Hospitality Management, Hospitality, Management, Office Management and Technology, Planning, Recreation and Leisure Studies, SMME (Small, Medium and Micro Enterprises), Tourism.

## Computer Science, Information Technology and Information Sciences

Computationis, Information Technology, Software Development.

## Dentistry

Dental Science, Dental Surgery,

## Education

Adult Education, Early Childhood Development, Education in Agricultural Sciences/Arts/ Biology/ Business Management/ Commerce/ Consumer Sciences/ Drama and Theatre/ Eco Management/ Economic and Management Sciences/ English/ Fine Arts/ Food Sciences/Geography/ Humanities/ Languages/ Life Orientation/ Life Sciences/ Mathematics/ Mathematical Literacy/ Music/ Natural Sciences/ Physical Education/ Physical Science/ Science/ Social Sciences/ Technical/ Technology/ Textiles, Further Education and Training, General Education and Training (Foundation Phase/ Intermediate or Senior Phase), Human Movement Sciences, Pedagogics, Pre-primary Education, Primary Education, Secondary Education, Sport Management.

## Engineering

Aeronautical Engineering, Chemical Engineering, Civil Engineering, Computer Systems Engineering, Electrical Engineering, Electro-Mechanical Engineering, Electronic Engineering, Industrial Engineering, Land Surveying, Materials Engineering, Mechanical Engineering, Mechatronics, Metallurgy and Materials, Metallurgy, Mine Surveying, Mineral Resource Management, Mining.

## Family Ecology and Consumer Sciences

Clothing, Clothing and Textiles, Clothing Retail Management, Clothing Small Business Management, Community Nutrition, Consumer Science, Consumer Studies, Food Management, Home Economics, Hospitality Management, Hotel-Keeping and Catering, Housing, Human Ecology, Nutrition, Retail Management.

## Health

Advance Practice Nursing, Audiology, Biokinetics, Chinese Medicine, Communication Pathology, Diagnostic Radiography, Diagnostic Ultrasound, Dietetics, Emergency Medical Care, Environmental Health, Homeopathy, Laboratory Medicine, Medical Clinical Practice, Medical Laboratory Science, Medical Orthotics and Prosthetics, Medical Orthotics and Prosthetics, Medical Sciences, Naturopathy, Nuclear Medicine Technology, Nursing Science, Nutrition, Occupational Hygiene, Occupational Therapy, Optometry, Oral Biology, Oral Health, Pharmacy, Physiotherapy, Radiation Therapy, Speech and Hearing Therapy, Speech and Language Pathology and Audiology Therapy.

### Law

Law, Financial Planning Law

### Medicine

Medicine, Surgery.

### Psychology

Counselling, Educational Psychology, Psychology, Sport Psychology.

### Public Management and Services

Criminal Justice Administration, Criminology, General Public Management, Local Government Management, Political Studies, Public Financing, Public Human Resource Management, Public Information Management, Public Management (Accounting, Economic Policy), Rural Development Management.

### Science

Biochemistry, Consumer Ecology, Earth Sciences, Education in Earth Sciences/ Biology/ Life Sciences/Mathematical Sciences/ Physical Sciences/, Environmental Management, Geomatics, Industrial Science, Mining and Environmental Conservation, Mine Surveying, Sport and Exercise Science, Water and Sanitation Sciences.

### Social Science

Community Development, Criminology, Diaconiology (Social Work), Human Ecology, Human Settlements, Indigenous Knowledge Systems, Information Design, Information Science, Information Studies in Education, Land Reform and Rural Development, Library and Information Science, Peace Studies, Social Development, Social Work, Youth in Development.

### Theology

Divinity, Youth Work, Theology

### Veterinary Science

Veterinary Science.

## PG Diplomas and Certificates

### Agriculture

Agricultural Management, Agriculture, Agronomy, Aquaculture, Food Security, Land and Agrarian Studies, Pesticide Risk Management, Sustainable Agriculture.

### Architecture and Built Environment

Architecture, Built Environment, Construction Project Management, Facilities Management.

### Arts and Fine Arts

Applied Drama & Theatre Studies, Arts, Coral Conducting, Drama, Film, Fine Arts, Music Technology, Music, Performance, Rock Art Studies, Television.

### Business and Management Sciences

Accountancy, Accounting, Accounting Sciences, Actuarial Science, Applied Accounting Science, Applied Economics, Auditing, Business Administration, Business Communication, Business Data, Business Management and Marketing, Business Management, Commerce, Computer Auditing, Computer Development Planning, Developing Areas, Development and Management, Development Studies, Digital Innovation, Dispute Resolution, Economics, Employee Benefits, Entrepreneurship Management, Entrepreneurship, Estate Planning, Executive Leadership, Financial Accounting, Financial Banking Investment Management, Financial Management, Financial Markets, Financial Planning, Forensic Accounting, General Accounting, General Human Resources Management, General Management, General Operations, Human Resource Development, Human Resource Management, Industrial Administration, Industrial Relations, Information Systems Auditing, Integrated Reporting, Internal Auditing, Investigative and Forensic Sciences, Investment, Investment Planning, Labour Relations Management, Leadership Studies, Local Economic Development, Management Development, Management Practice, Management, Management Accounting, Maritime Studies, Marketing Management, Marketing

Personnel Management, Marketing Support Management, Mineral Resource Management, Operations Research, Organisational Development, Personal Financial Risk Management, Planning, Property Development, Property Economics, Property Management, Property Studies, Public Sector Accounting, Recreation and Tourism, Risk Management, Security Management, Small, Medium and Micro Enterprises Development, Sport Vision, Sport Management, Sustainable Development, Tax Law, Tax Strategy and Management, Taxation, Tourism, Transport and Logistics, Transport Studies, Women's Development and Micro-Finance.

## Computer Science, Information Technology and Information Sciences

Applied Information Systems, Computer and Media Application, Computer Science, Digital Innovation, Geographical Information Systems, Information and Communication Technology Policy and Regulation, Information and Communication Technology, Management of Information Systems, Multimedia Computing, Peripheral Component Interconnect Express.

## Dentistry

Aesthetic Dentistry, Clinical dentistry, Community Dentistry, Dental Materials, Dentistry (Pain and Sedation), Dentistry Radiography, Dentistry, Endodontics, Forensic Orthodontics, Implant Dentistry, Implantology, Oral Medicine, Oral Microbiology, Oral Pathology, Practice Management, Oral Surgery, Orthodontics, Pedodontics, Periodontology, Preventative Dentistry, Prosthetics, Prosthodontics, Restorative Dentistry.

## Education

Adult Education, Adult and Community Education and Training, Agricultural Education, Art and Culture Education, Biology Education, Cognitive Studies, Computer Assisted Education, Computer Science Education, Curriculum Studies, Distance Education, Drama and Theatre Education, Economic and Management Sciences Education, Educational Administration, Educational Guidance, Education in Physiotherapy, Education Leadership, Educational Management, Education Policy, Education School Guidance, Education, Educators of Adults, Engineering Graphics and Design in Education, English Language Teaching Language Education, Fine Arts Education, Foundation Phase Education, Further Education and Training Teaching, Geography Education, Group Activities, Higher Education and Training, Higher Education Studies, Higher Education, ICT Innovation in Education, Inclusive Education, Intermediate Phase Education, Junior Primary School Education, Language Education, Life Sciences Education, Mathematical Literacy Education, Mathematical Sciences Education, Mathematics Education, Music Education, Natural Sciences Education, Philosophy of Education, Physical Sciences Education, Physical Sciences Education, Physics and Chemistry Education, Policy Studies and Governance in Education, Primary School English Education, Primary School Mathematics Education, Psychology of Education, Quality Assurance and Reliability, Remedial Education, Secondary Education, Secondary School English Education, School Leadership and Management, Secondary School Mathematics Education, Senior Phase Education, Senior Phase Social Sciences Teaching, Special Education Needs Education, Special Education, Technical and Vocational Education and Training, Technical Education, Tertiary Education.

## Engineering

Aeronautical Engineering, Chemical Engineering, Civil Engineering, Electrical Engineering, Engineering Management, Engineering, Geohydrology, Industrial Engineering, Materials, Mechanical Engineering, Metallurgy, Mining, Power Plant Engineering.

## Family Ecology and Consumer Sciences

Child and Family Studies, Child and Youth Development, Childcare and Protection, Clothing and Textiles, Housing Development and Management.

## Health

Addictions Care, Adult Critical Care Nursing, Advanced Midwifery, Advanced Nursing, Advanced Occupational Therapy, Advanced Physiotherapy, Advanced Psychiatric Nursing, Applied Radiation Science, Chemical Pathology, Child Critical Care Nursing, Child Health Care, Child Nursing, Child Psychiatric Nursing, Clinical Evidence and Health Management, Clinical Hepatology, Clinical HIV/ Aids Management, Community and General Paediatrics, Community Eye Health, Community Health Extension, Community Health Nursing, Community Health Veterinary Sciences, Community Health, Community Nursing Science, Critical Care Nursing, Dermatology Nursing, Diagnostic Radiology, Dietetics, Disability Studies, e-Health, Emergency Care, Family Medicine, Forensic Health Care, Forensic Nursing, Gastroenterology, General Interventional Radiography, Gerontological Nursing, Hand Rehabilitation, Hand Therapy, Health and Welfare Management, Health Care and Social Welfare, Health Care Management, Health Care Technology, Health Economics, Health Education, Health Management, Health Professions Education, Health Promotion, Health Services Management, Health Science in Autism Spectrum Disorders, Health Science, Health Service Management, Health Studies Radiography (Diagnostic, Nuclear Medicine), Health Systems Management, Health Technology Management, HIV Management, HIV and AIDS, Hospital Dietetics, Hospital Management, Hospital Pharmacy Management, Infection Control, Interventional Radiology, Management of Childhood Disabilities, Maternal and Child Health, Medical Administration, Medical Information, Medical Surgical Nursing, Medicines Development, Midwifery And Neonatal Nursing, Midwifery, Nephrology Nursing Science, Nephrology, Nuclear Medicine Radiography, Nursing Administration, Nursing Critical Care, Nursing Education, Nursing Management, Nursing, Occupational Health, Occupational Health Nursing, Occupational Medicine and Health, Occupational Therapy, Operating Room Nursing, Operational Ward Nursing, Optometry, Orthopaedic Nursing, Paediatric Nursing, Paediatric Radiology, Pain

Management, Pesticide Risk Management, Pharmacology, Physiotherapy, Primary Clinical Health, Primary Health Care, Psychiatric Nursing, Public Health Medicine, Public Health, Pulmonology, Radiography, Rehabilitation Studies, Rural Health, Speech and Hearing Therapy, Sport Medicine, Sport, Surgical Nursing, TB & HIV Management, Transfusion Medicine, Trauma Nursing, Tropical Medicine and Health, Vocational Rehabilitation.

### Language, Journalism and Communication

Applied Linguistics, Communication Management, Communication Studies, Economic Journalism, Interactive Media design, International Communication, Journalism, Language Interpretation, Language Practice, Language Translation, Media Management, Second Language Studies, Telecommunications and Information, Translation and Interpretation, Translation Studies & Linguistics.

### Law

Company Law, Criminal Justice, Environmental Law and Management, Estate Law, Export Laws, Forensic Investigation and Criminal Justice, Fraud and Criminal Justice, Human Rights, Human Rights Advocacy and Litigation, International and African Regional Law, International Economic Law, Labour Law, Law, Legal Practice, Maritime Law, Mediation, Pension Funds Law, Public Health Law, Tax Law.

### Medicine

Clinical Haematology, Clinical Forensic Medicine, Clinical Paediatric Nephrology, Clinical Pharmacology, Endocrinology, Family Medicine, Gastroenterology, Geriatric Medicine, Palliative Medicine, Paediatrics.

### Psychology

Applied Psychology, Child Psychiatric Nursing, Counselling, Psychological Counselling, Psychotherapy, Public Mental Health.

### Public Management and Services

Community Development, Community Service, Disaster Management, Governance, Governance and Political Transformation, Governance and Public Leadership, Political Studies, Public Administration, Public and Development Studies, Public Monitoring and Evaluation, Public Policy and Development, Public Policy, Rural Rescue Management, Safety, Social Security Policy Management and Monitoring.

### Science

Applied Physiology, Chemical Pathology, Earth Science Practice and Management, Energy Studies, Environmental Sciences, Environmental Studies, Future Studies, Geographical Sciences, General Ultrasound, Geohydrology, Geology, Integrated Water Resources Management, Mathematical Sciences, Medical Physics, Mineral Resource Management, Nature conservation, Nuclear Science, Population Studies, Science, Science Education, Scientific Studies.

### Social Science

African Studies, Antique Cultures, Applied Ethics (Philosophy), Applied Ethics, Applied Social Sciences, Archives and Records Management, Culture Studies, Decision Making, Demography and Population Studies, Development Policy and Practice, Documentation and Development, Eastern Cape Studies, Environment and Society, Forced Migration, Gender Studies, Health Ethics, Heritage Studies, Humanitarian and Development Management, Information Management, Information Resource Management, Information Science, Information Studies, Inter- Cultural Communication, International Affairs, International Relations, International Research Ethics, International Studies, Knowledge Development, Librarianship, Library and Information Science, Life Skills and Counselling, Museum and Heritage Studies, Philosophy, Policy Development Studies, Political Science, Public Policy and African Studies, Social and Behavioural Studies, Social Policy, Social Sciences Methods, Social Sciences, Social Services, Social Work, Sociology.

### Theology

Christian Pastoral Studies, Religion and Culture, Theology, Theology and Ministry.

### Veterinary Science

Animal Welfare, Laboratory Animal Science, Production Animals, State Veterinary Medicine, Veterinary Clinical Sciences, Veterinary Public Health.

## Honours Degrees

## Agriculture

Agrarian Extension, Agribusiness Management, Agricultural Administration, Agricultural Biotechnology, Agricultural Economics, Agricultural Extension, Agricultural Irrigation Management, Agricultural Management, Agriculture (Biochemistry, Biotechnology, Entomology, Microbiology, Rural Development and Planning, Rural Household Development), Agricultural Computer Information, Agrometeorology, Agronomy, Animal Science (Animal Breeding, Large Stock Science, Production, Production Management, Nutrition Science, Pig Science, Poultry Science, Product Physiology, Small Stock Science, Wool Science), Aquaculture, Crop Protection, Crop Science, Food for Communities and Families, Food for Families, Food Processing, Food Production and Processing, Food Science and Technology, Food Science, Forestry, Genetics, Grass Land Science, Income For Communities, Land Development, Land Management, Land-Use Planning, Nutrition and Food Science, Ornamental Horticulture, Pasture Science, Plant Health, Plant Nutrition, Plant Pathology, Plant Production (Agronomy, Horticulture), Plant Protection, Plant Quarantine, Rural Agricultural Development/ Planning, Soil Science, Sustainable Ecology Management, Sustainable Insect Management, Sustainable Plant Genetic Resource Management, Weed Science, Wildlife Management, Wood Work.

## Architecture and Built Environment

Architectural Studies, Architecture, City Planning, Construction Management, Construction, Land and Property Development Management, Landscape Architecture, Property Studies, Quantity Surveying, Settlement Studies, Spatial Planning, Urban and Regional Development/ Planning, Urban Studies.

## Arts and Fine Arts

Applied Drama, Arts Culture and Heritage Management, Art History, Design, Drama, Drama Therapy, Film Studies, Film and Television, Industrial Design, Music Education, Music Technology, Music, Musicology, Performing Art, Television Studies, Theatre, Theatre in Education, Visual Media, Visual Studies.

## Business and Management Sciences

Accountancy, Accounting Sciences, Accounting, Actuarial Science, Administration in Business Management, Agribusiness Management, Applied Econometrics, Auditing, Business Information Systems, Business Management, Commerce, Community Development Studies, Cost and Management Accounting, Development Studies, Econometrics, Economic Policy Analysis, Economics, Ecotourism, Employment relations, Entrepreneurs, Finance, Financial Economics and Investment, Financial Management, Financial Modelling, Financial Planning, Heritage and Cultural Tourism, Human Resource Development, Human Resource Management, Industrial Psychology, Industrial Society and Labour Studies, Informatics,  Insurance and Risk Management, Internal Auditing, Investment Management, Investment, Labour Policy and Globalisation,  Logistics, Management Accounting, Management, Marketing Management, Marketing Supply Chain Management, Marketing, Money and Banking, Operations Research, Organisational and Institutional Studies, Personnel Leadership, Property Valuation and Management, Quantitative Finance, Quantitative Management, Real Estate, Recreation, Small Business Development Studies, Sport and Leisure Studies, Sport and Recreation Management, Statistics, Strategic Management, Supply Chain Management, Taxation, Tourism Management, Transport Economics.

## Computer Science, Information Technology and Information Sciences

Computer Information Systems, Computer Science, Computing, Data Mining, Informatics, Information Systems.

## Dentistry

Dental Science.

## Education

Adult and Community Education and Training, Adult Education, Assessment and Quality Assurance, Astronomy Education, Chemistry Education, Community Education, Computer Integrated Education, Computing Education, Curriculum and Instruction Design and Development, Curriculum Studies, Early Childhood Development, Education Law, Education Management, Education Policy Studies and Governance, Educational Administration and Technology, Educational Leadership and Management Development, Educational Psychology, Educational Support, Engineering Education, English Teaching, Environmental Education, Further Education and Training (FET) Specialisation, General Education and Training (GET) Specialisation, GET: Foundation Phase, GET: Intermediate/Senior Phase, Governance in Education, Guidance and Counselling, Inclusive Education, Language Development, Language Education, Language Literacies and Literature Education, Learning Support, Life Science Education, Mathematics Education, Non Mother Tongue Teaching, Physical Education, Physical Science Education, Physics Education, Professional Curriculum Studies, Psychology of Education, Science Education, Science Education, Special Needs Education, Teacher Education and Professional Development, Teaching and Learning, Technology Education.

## Engineering

Agricultural Engineering, Bio-Engineering, Chemical Engineering, Computer Engineering, Control Engineering, Corrosion Engineering, Electrical Engineering, Electronic Engineering, Environmental Engineering, Engineering Geology, Financial

Engineering, Geotechnical Engineering, Industrial Engineering, Landscape Architecture, Mechanical Engineering, Metallurgical Engineering, Micro-Electronics, Mining Engineering, Physical Asset Management, Software Engineering, Structural Engineering, Transportation Engineering, Urban Engineering, Water Resources Engineering, Water Utilization Engineering, Quality Assurance & Reliability, Technology Management.

## Family Ecology and Consumer Sciences

Clothing Management, Clothing Marketing, Consumer Sciences, Food Management, Home Economics, Merchandise Management, Settlement Studies.

## Health

Anatomical Pathology, Bio kinetics, Chemical Pathology, Clinical Microbiology & Infectious Diseases, Clinical Nursing, Community Health Nursing Science, Coaching Science, Critical Care, Dietetics, Environmental Health, Health Service Administration, Health Studies, HIV/AIDS, Human Biology, Human Genetics, Human Movement Sciences, Immunology, Medical Cell Biology, Medical Criminalistics, Medical Immunology, Medical Microbiology, Medical Nuclear Science, Medical Physics, Medical Science, Medical Sciences Anatomy, Medical Sciences Bio-Engineering, Medical Virology, Medicine and Surgery, Midwifery and Neonatal Care, Molecular Medicine, Neurology, Nursing Administration, Nursing Adult Critical Care, Nursing Education, Nursing Management, Nursing Science, Occupational Hygiene, Orthopaedics, Paediatrics, Pharmacology, Physiology, Physiotherapy, Psychiatry, Psychiatric Nursing, Quantitative Health Science, Radiation Oncology, Radiation Therapy, Radiography (Angiography, Computer Tomography, Diagnostic General, Nuclear Medicine), Radiological Therapy, Sport Coaching, Vocational Rehabilitation.

## Languages, Journalism and Communication

African languages, African Literature, African Non-Mother Tongue Teaching, Afrikaans, Ancient Languages and Cultures, Applied Language Studies, Applied Language and Literacy Education, Applied Linguistics, Arabic, Augmentative and Alternative Communication, Classical Hebrew, Communication Management, Communication Science, Communication Theory, Communication, Corporate Communication, Creative Writing, Culture and Digital Arts, Media Studies, English Language Teaching and Literary Studies, English Linguistics, English Literature, English Studies, English, European Languages, European Literature, Film & Television Studies, French Language and Literature, French Teaching, General Literary Theory, German Language and Literature, Integrated Marketing Communication, Interpreting, IsiNdebele, Italian Language and Literature, Journalism, Languages, Language Practice, Language Studies, Linguistics, Literacy Studies, Literary Theory, Marketing Communication, Media Studies, Modern European Languages, Modern Hebrew, Nguni, Pan-African Literatures, Portuguese, Professional Writing, Romance Languages, Publishing Studies, Russian, Semitic Languages, Sesotho, Siswati, Sociolinguistics, Sotho, South African Sign Language, Spanish, Strategic Communication, Theory of Literature, Translation Studies, Transnational and Literacy Studies, Xhosa.

## Law

Criminal Justice, Criminology, Bioethics and Health Law.

## Medicine

Anatomical Pathology, Andrology, Aerospace Medicine, Chemical Pathology, Clinical Medical Practice, Haematology, Medical Oncology, Medicine, Molecular Medicine, Radiation Oncology.

## Psychology

Behavioural Genetics, Industrial Psychology, Industrial and Organisational Psychology, Psychology, Sport Psychology.

## Public Management and Services

Auditing (Public Sector), Community Development, Criminal Justice, Criminology, Development, Industrial Psychology for the Public Sector, Industrial Relations, International Politics, International Relations, Municipal Administration, Penology, Police Science, Political Science, Probation Services, Public Accounting, Public Administration, Public Economics, Public Logistics, Public Management & Governance, Public Management, Public Sector Transport Economics, Statistics for the Public Sector.

## Science

Actuarial Mathematics, Actuarial Science, Algebra and Analysis, Anatomical Pathology, Anatomy, Analytical Chemistry, Animal, Plant and Environmental Sciences, Applied Biotechnology, Applied Chemistry, Applied Geology, Applied Mathematics, Applied Sciences, Archaeology, Astronomy, Astrophysics and Space, Behaviour Genetics, Biochemistry, Biodiversity, Bioinformatics, Biology, Biosystems, Biotechnology, Botany, Cell Biology, Chemical Pathology, Chemical Technology, Chemistry and Management, Chemistry, Comparative Anatomy, Control, Corrosion, Development Biology, Electronics, Electrotechnics, Energy Studies, Entomology, Environmental Geography, Environmental Geology, Environment Management, Environmental Monitoring, Environmental Sciences, Environmental Studies, Environmental Technology, Exercise Sciences, Exploration Geophysics, Forensic Chemistry, Forensic Genetics, Forensic Sciences, Formulation

Science, Genetics, Geochemistry, Geographical Information Systems, Geography Ecotourism, Geography, Geography and Environmental Science, Geohydrology, Geoinformatics, Geology, Geotechnics, Haematology, Human Cell Biology, Human Genetics, Human Histology, Human Physiology, Hydrogeology, Hydrology, Immunology, Industrial Systems, Irrigation, Limnology, Macro-Anatomy, Materials Science, Mathematical Statistics, Mathematics of Finance, Mathematics, Mechanics, Medical Biochemistry, Medical Bioscience, Medical Cell Biology, Medical Microbiology, Medical Physics, Medicinal Plant Science, Metallurgy, Meteorology, Microbiology, Mineral Processing, Mine Strata Control, Mining, Mining Environmental Control, Neuro-Anatomy, Nutrition & Food Sciences, Operations Research, Palaeontology and Geology, Physical Anthropology, Physical Science, Physics Polymer Technology, Physics, Physiological Sciences, Physiology, Plant Health, Plant Molecular Biology, Plant Pathology, Plant Science, Polymer Science, Quality Assurance and Reliability, Renewable Energy, Reproductive Biology, Reproductive. Biology (Andrology), Sport Sciences, Statistics, Structural Biology, Structural materials, Structures, Technology Management, Transportation Planning, Water Resources, Water Science, Water Utilization, Wild Life, Wildlife Management, Zoology.

## Social Science

Africa Studies, African Politics, African Studies, Ancient History, Ancient Near Eastern Studies, Anthropology, Applied Ethics, Archaeology, Archival Science, Arts and Culture Management, Biblical Archaeology, Classical Culture, Classical Studies, Cognitive Science, Conflict Resolution, Cultural History, Culture Studies, Development Sociology, Demographic and Population Studies, Development Studies, Diversity Studies, Gender Studies, Health Sociology, Heritage Studies, Historical Studies, History, Human and Societal Dynamics, Human Geography, Human Sociology, Industrial Sociology, Industrial Sociology and Labour Studies, Informatics, Information Management, Information Science, Information Sciences for Development Studies, International Politics, International Relations, Islamic Studies, Judaica Studies, Labour and Economic Sociology, Library and Information Sciences, Library and Information Studies, Life Skills and Counselling (HIV and AIDS), Migration Studies, Migration and Displacement, Moral and Cultural Studies, Museum Studies, Philosophy, Political Dynamics, Political Science, Political Studies, Politics and International Relationships, Politics, Population Studies, Rural Development, Social Behaviour Studies in HIV/ AIDS, Social Behaviour Studies, Social Policy, Social Science Research, Social Work (Probation Work), Social Work, Sociology.

## Theology

Biblical Archaeology, Biblical Studies, Christian Spirituality, Church History, Diaconiology In Missiology, Diaconiology In Youth Work, Dogmatics and Christian Ethics, Judaica, Missiology, New Testament, Old Testament, Practical Theology, Religious Studies, Science of Religion and Missiology, Systematic Theology, Theological Ethics, Theological Studies, Theology.

## Veterinary Science

Veterinary Science


# Masters Degrees

## Agriculture

Agribusiness Management, Agricultural Administration, Agricultural Economics, Agricultural Extension and Rural Development, Agricultural Extension, Agricultural Management, Agriculture, Agronomy, Animal Breeding and Genetics, Animal Breeding, Animal Nutrition, Animal Production Management, Animal Production Physiology, Animal Production, Aquaculture, Arts and Culture Management, Biochemistry, Crop Protection, Entomology, Environmental Economics, Environmental Production, Environmental Management, Food Processing, Food Production, Food Science and Technology, Food Sciences, Food Technology, Forest Management and Environmental Studies, Forestry, Forest Science, Game Ranch Management, Genetics, Home Economics, Horticultural Science, Horticulture, Integrated Pest and Disease Management, Land and Agricultural Studies, Land Development, Land-Use Planning, Large Animal Stock Sciences, Livestock Nutrition, Livestock Production, Meat Science, Mechanized Agriculture, Microbiology, Nutrition Sciences, Ornamental Horticulture, Pasture Science, Pest and Disease Management, Pig Sciences, Plant Biotechnology, Plant Breeding, Plant Pathology, Plant Production, Plant Protection, Plant Quarantine, Product Physiology and Product Quality, Postharvest Technology, Poultry Sciences, Rural Development and Ecotourism, Rural Development Planning, Rural Engineering Technology, Rural Household Development, Small Stock Animal Sciences, Soil Science and Plant Nutrition, Soil Science, Sustainable Agriculture, Sustainable Ecological Management, Sustainable Insect Management, Sustainable-Genetic Resource Management, Weed Science, Wildlife Management, Wood Sciences.

## Architecture and Built Environment

Architectural Technology, Architecture, Building Management, Building Project Management, Building, Built Environment, Building Science, City Planning and Urban Design, Construction, Construction Economics and Management, Construction Economics, Construction Management, Design and Management, Development Planning, Environmental Planning (Urban Design), Environmental Planning, Housing Development and Management, Housing, Interior Architecture, Land and Property Development Management, Landscape Architecture, Project Management, Quantity Surveying, Real Estate, Surveying, Sustainable Urban Planning and Development, Town and Regional Planning, Urban and Regional Planning, Urban Design, Urban Infrastructure, Urban Renewal, Urban Studies.

## Arts and Fine Arts

Applied Drama: Applied Choral Conducting, Theatre in Education, Ceramic Design, Arts and Culture Studies, Ceramics Technology, Clothing Design, Dance, Design, Digital Arts, Drama (Performance), Drama, Drama Therapy, Dramatic Art, Fashion, Film and Television, Film Studies, Fine Art, Graphic Design, History and Film Documentary, History of Art, Industrial Design, Interior Design, Media Studies, Motion Picture Production, Music Composition, Music Education, Music Technology, Music Therapy, Music, Musical Theatre, Musicology, Performing Art, Performing Arts Technology, Photography, Piano Didactics, Rock Art Studies, Textile Design and Technology, Theatre Arts, Theatre in Education, Visual Arts, Visual Studies.

## Business and Management Sciences and Planning

Accounting Science, Accounting, Actuarial Science, Administration and Information Management, Adventure Tourism Management, Applied Econometrics, Auditing, Banking, Business Administration, Business and Executive Coaching, Business Finance, Business Information System, Business Administration, Business Leadership, Business Management, Business Science, Clothing, Commerce, Commercial Administration, Comparative Local Development, Competition and Economic Regulation, Computer Auditing, Cost and Management Accounting, Development Economics, Development Finance, Development Management, Development Planning, Development Studies, Development Theory and Policy, Econometrics, Economic Management Analysis, Economic Policy Analysis, Economic Policy, Economics, Economy of Trade and Investment, Ecotourism Management, Entrepreneurship, Environmental Management, Executive Leadership, Financial Economics and Investment, Financial Management Sciences, Financial Management, Financial Markets, Financial Risk Management, Food and Beverage Management, Food Service Management, Fraud Risk Management, Future Studies, Heritage and Cultural Tourism, Hospitality Management, Hospitality and Catering, Hotel and Tourism Management, Human Resources Development, Industrial Administration, Industrial Policy , Informatics, Information Systems, Innovation Studies, Insurance Science, Internal Auditing, International Accounting, International Business, Investment Management, Labour Policy and Globalisation, Labour Relations Management, Leadership Couching, Leadership in Emerging Economies, Leadership Studies, Local Economic Development, Logistics, Management Accounting, Management, Marketing Management, Marketing, Marketing Research, Money and Banking, Office Management and Technology, Operations Management, Operations Research, Organisational Leadership, Parks and Recreation Management, Personal and Professional Leadership, Personnel Leadership, Personnel Management, Planning, Production and Operations Management, Production Management, Quantitative Management, Real Estate, Recreation and Sport Management, Retail, Responsible Leadership, Retail Business Management, Risk, SA & International Taxation, Security, Sport Management, Statistics, Strategic Management, Strategic Marketing, Supply Chain Management, Taxation, Tourism and Hospitality Management, Tourism Development, Tourism Management, Tourism, Transport Economics, Transport Studies.

## Computer Science, Information Technology and Information Sciences

Big Data Analytics, Computer Data Processing, Computer Science, Computer Systems, Computing Education, Computing, eScience, ICT Policy and Regulation, Informatics, Information and Communication Technology, Information Communication and Technology Policy and Regulation, Information Management, Information Networks, Information Systems, Information Technology, Information Technology Governance, Knowledge Management, Professional Practice in Information Technology.

## Dentistry

Community Dentistry, Dental Technology, Dentistry, Endodontics, Facial and Oral Radiation, Facial and Oral Surgery, Maxillofacial and Oral Radiology, Maxillofacial and Oral Surgery, Odontology, Oral Medicine, Oral Pathology, Oral Surgery, Orthodontics, Periodontics, Prosthodontics, Restorative Dentistry.

## Education

Advanced Curriculum Studies, Adult and Community Education and Training, Adult Education, Assessment and Quality Assurance in Education and Training, Child Education in the Foundation Phase, Cognitive Education, Community Psychology, Comparative Education, Computer Assisted Education, Computer-Integrated Education, Counselling, Curriculum and Instruction Design and Development, Curriculum Policy Development, Curriculum Studies, Early Childhood Development, Early Childhood Intervention, Education for Community Development, Education In Didactics, Education Law, Education Management, Education, Educational Guidance and Counselling, Educational Leadership, Educational Linguistics, Educational Management, Educational Philosophy, Educational Policy, Educational Psychology, Educational Technology, Educator Professional Development, Environmental Education, Geography Education, Governance, Guidance, Higher Education and Higher Education Studies, History of Education, ICT in Education, Inclusive Education, Language and Literacy in the Foundation Phase, Law and Policy, Learning, Learning Support, Life and Career Orientation, Marketing Research, Mathematical and Science Education, Mathematics Education, Maximising Potential in Education and Training, Methodology in the Foundation Phase, Natural Sciences Education, Numeracy in the Foundation Phase, Open and Distance Learning, Ortho-didactics, Ortho-pedagogics, Philosophy of Education, Policy Studies, Post School Education (Bridging), Psychology of Education, Psychology of Learning, Relationship of Authority in Education, School Counselling, Science Education, Sociopedagogics, Special Needs Education, Subject Didactics, Teacher Education, Technology Education, Values and Human Rights in Education.

## Engineering

Aeronautical Engineering, Agricultural Engineering, Bio-Engineering, Bulk Materials Handling, Chemical Engineering, Civil Engineering (Water), Civil Engineering, Computer Engineering, Control Engineering, Corrosion Engineering, Electrical Engineering, Electronic Engineering, Engineering and Environmental Geology, Engineering Geology, Engineering in Polymer Technology, Engineering Management, Engineering Project Management, Engineering Sciences, Engineering Surveying, Environmental Engineering, Financial Engineering, Geotechnical Engineering, Industrial Engineering, Mechanical Engineering, Mechatronics, Metallurgical Engineering, Metallurgy and Materials, Micro-Electronic Engineering, Mineral Engineering, Mining Engineering, Nuclear Technology Lead, Physical Asset Management, Quality Management, Quality, Software Engineering, Structural Engineering, Systems Engineering, Technology Management, Transportation Engineering, Urban Engineering, Water Resources Engineering, Water Utilization Engineering.

## Family Ecology and Consumer Sciences

Applied Human Nutrition, Child and Family Studies, Child Care and Protection, Clothing Management, Consumer Science, Development, Food and Beverage Management, Food and Consumer Sciences, Food and Nutrition, Food Management, Home Economics, Hospitality Management, Housing, Human Ecology, International Merchandise Management, Merchandise Management, Nutrition Management, Nutrition, Public Nutrition, Settlement Management.

## Health

Advanced Midwifery Neonatal Science. Advanced Psychiatric Nursing Science, Anatomical Pathology, Anatomical Sciences, Audiology, Biokinetics, Biomedical Engineering, Biomedical Technology, Biostatics and Epidemiology, Child Nursing, Chiropractic, Clinical Microbiology & Infectious Diseases, Clinical Health Administration, Clinical Nursing, Clinical Pharmacology, Clinical Technology, Communication Pathology (Speech Language), Community Health, Community Nursing Science (Occupational Health, Primary Health Care), Critical Care and Trauma, Dietetics, Emergency Medical Care, Emergency Medicine, Environmental Health, Epidemiology, Exercise and Sports Physiotherapy, Exposure Science, Gender and Health, Genetic Counselling, Hand Rehabilitation, Hand Therapy, Health and Welfare Management, Health Care, Health Economics, Health Innovation, Health Professions Education Structure, Health Promotion, Health Sciences Education, Health Sciences, Health Service Administration, Health Studies, Homoeopathy, Human Molecular Biology, Human Movement Science, Infectious Diseases, Maternity and Child Nursing (Midwifery and Neonatal), Maternity Child Health, Medical Administration, Medical and Surgical Nursing (Critical Care, Operating Room), Medical Anthropology, Medical Bioscience, Medical Criminalistics, Medical Immunology, Medical Information, Medical Laboratory Science, Medical Science in Nutrition, Medical Sciences, Medical Virology, Medicine Specialisation in Critical Care, Medicine, Mental Health, Nursing Education, Nursing in Clinical Fields of Study, Nursing Management, Nursing Science, Nursing, Nutrition, Obstetrics, Occupational and Environmental Health, Occupational Health, Occupational Hygiene, Occupational Science, Occupational Therapy, Optometry, Orthopaedic Surgery, Orthopaedics, Palliative Medicine, Medical Surgical Nursing, Pathology, Perceptual Disorders, Pharmaceutical Sciences, Pharmacology, Pharmacy Administration, Pharmacy, Physical Education, Physiotherapy, Professional Nursing Science (Ethos & Prof Practice, Nursing Management, Nursing Education), Psychiatric Mental Health Nursing, Public Health, Public Health in Nutrition, Quantitative Health Science, Radiation (Diagnostics, Therapy, Nuclear Medicine), Radiography, Rehabilitation, Reproductive Biology, Rural Health, Social and Behavioural Change Communication, Somatology, Speech and Language Pathology, Speech Pathology, Sports Medicine, Therapeutic Sciences, Transdisciplinary Health Promotion.

## Languages, Journalism and Communication

African Languages, African Linguistics, Afrikaans, Ancient Languages, Ancient Languages and Cultures, Applied Language Studies, Applied Linguistics, Arabic, Audio-visual Communication, Augmentation and Alternative Communication, Business Communication, Communication, Communication Management, Communication Pathology, Communication Science, Communication Studies, Contemporary English Studies, Corporate and Marketing Communication, Corporate Communication, Creative Writing, Development Communication, Digital Arts, Document Design and Text Editing, English, English Education, European Literacy, Film and Television Communication Studies, French, Fundamental Communication, German, Greek, Hebrew, `Information Design, Integrated Marketing, Integrated Marketing Communication, Interactive Media Design, Interdisciplinary Digital Communication Studies, International Communication, Interpreting, IsiNdebele, Isizulu, Italian, Journalism, Judaica, Language and Communication Afrikaans, Language Management, Language Practice, Language Studies, Language Technology, Latin, Lexicography, Linguistics, Literary Theory, Marketing Communication, Media Studies, Modern Hebrew, Multimedia, Nguni, Pan-African Literatures, Portuguese, Public Relations, Public Relations Management, Publishing Studies, Romance Languages, Russian, Semitic Languages, Semitic Languages & Cultures, Sepedi, Sesotho, Sesotho Literature, Setswana, Sociolinguistics, South African Sign Language, Spanish, Strategic Communication, Teaching African Non Mother –Tongue, Theory of Literature, Translation, Translation Studies, Transnational and Literacy Studies, Xhosa.

## Law

Administrative Law, Banking Law, Bioethics and Health Law, Business Law, Child Care and Protection, Child Law, Civil Procedural Law, Commercial and Business Law, Commercial Law, Company Law, Constitutional Law, Consumer Protection Law, Corporate Law, Criminal Justice, Criminal Law, Criminal Procedural Law, Criminology, Development and Management Law, Dispute Resolution, Drafting and Interpretation of Contracts, Economic Law, Environmental Law, Estate Law, Extractive Indigenous Law in Africa, Extractive Industry Policy, Family Law, Financial Planning Law, Foundations and Theory of Law, Human Rights Advocacy and Litigation, Human Rights and Constitutional Practice, Human Rights and Democratisation in

Africa, Human Rights Law, Human Rights, Indigenous Law, Information and Communication Law, Insolvency Law, Intellectual Property Law, International Air Space and Telecommunication Law, International Commercial Law, International Economic Law, International Human Rights Law, International Law, International Trade and Investment Jurisprudence, International Trade Law, Interpretation of Statutes, Jurisprudence, Labour Law, Law and Political Justice, Law in Africa, Law of Business Entities, Law of Contract, Law of Evidence, Litigation, Maritime Law, Maritime Studies, Medical Law, Mercantile Law, Multidisciplinary Human Rights, Pensions Law, Private International Law, Private Law, Procedural Law, Property Law, Public Law, Reproductive and Sexual Rights, Roman Law, Shipping Law, Tax Law, Socio-Economic Rights.

## Medicine

Advanced Hepatology  and Transplanting, Allergology, Anaesthesia, Anaesthesiology, Anaesthesiology, Anatomical Pathology, Anaesthesia (Critical Care), Andrology, Biomedical Forensic Science, Cardiology, Cardiothoracic Surgery, Chemical Pathology, Child and Adolescent Psychiatry, Child Health, Clinical Haematology, Clinical Microbiology and Infectious Diseases, Clinical Pathology, Clinical Paediatric Surgery, Clinical Pharmacology, Clinical Technology, Community Dentistry, Community Health, Critical Care, Dental Surgery, Dermatology, Development Paediatrics, Diagnostic Radiology, Emergency Medicine, Endocrinology and Metabolism, Facial Surgery, Facial Surgery-Dentistry, Facial Surgery-Medicine, Family Medicine, Forensic Medicine, Forensic Pathology, Gastroenterology and Hepatology, Gastroenterology Surgery, General Surgery, Geriatrics, Geriatric, Gynaecological Oncology, Haematological Pathology, Haematology, Immunology, Implantology, infectious Deceases, Internal Medicine, Maternal and Foetal Medicine, Medical Clinical Science in Transfusion, Medical Forensics, Medical Gastroenterology, Medical Genetics, Genetic Counselling, Medical Microbiology, Medical Oncology, Medical Pathology, Medical Virology, Medicine, Microbiology, Microbiological Pathology, Military Medicine, Neonatology, Nephrology, Neurodevelopment, Neurological Surgery, Neurology, Neurosurgery, Nuclear Medicine, Obstetrics and Gynaecology, Occupational Medicine, Ophthalmology, Optometry, Oral Medicine, Oral Pathology, Orthodontics, Orthopaedics, Orthopaedic Surgery, Otorhinolaryngology, Paediatric Allergology, Paediatrics and Child Health, Paediatric Cardiology, Paediatric Critical Care, MPhil: Paediatric Endocrinology and Metabolism, Paediatric Forensic Pathology, Paediatric Gastroenterology, Paediatric Infectious Diseases, Paediatrics Medical Genetics, Paediatrics Medical Oncology, Paediatric Nephrology, Paediatric Neurology, Paediatric Neurosurgery, Paediatric Oncology, Paediatric Pathology, Paediatric Pulmonology, Paediatric Rheumatology, Paediatric Surgery, Pathology, Periodontics, Plastic and Reconstructive Surgery, Plastic Surgery, Prosthodontics, Public Health Medicine, Public Health, Radiation Oncology, Radiological Diagnostics, Reproductive Medicine, Somatology, Sport Medicine, Surgery, Surgical Critical Care, Surgical Gastroenterology, Thoracic Surgery, Transfusion Medicine, Trauma Surgery, Urology, Vascular Surgery, Virological Pathology, Virology.

## Psychology

Addictions Mental Health, Administration in Industrial Psychology, Applied Psychology, Autism Spectrum Disorders, Child and Adolescent Psychology, Clinical Psychology, Community-Based Counselling Psychology, Counselling Psychology, Educational Psychology, Forensic Psychiatry, Medical Applied Psychology, Mental Health, Forensic  Group Therapy, Industrial and Organisational Psychology, Industrial Psychology, Intellectual Disability, Medical Applied Psychology, Mental Health, Neuropsychology, Organisational Psychology, Play Therapy, Psychiatry, Psychology, Research Psychology, Social and Psychological Research, Social Development.

## Public Management and Services

Accounting for Public Sector, African Politics, Auditing for Public Sector, Business Administration ,  Community  Police Management, Contact Centre Management, Correctional Services Management, Development Studies, Disaster Management, Entrepreneurship, Government Finances and Auditing, ICT Policy and Regulation, Industrial Psychology for the Public Sector, International Politics, International Relations, Local Governance and Development, Governance and Public Leadership, Health Care Management, Humanitarian and Development Management, Municipal Administration, Penology, Police Science, Policing, Political Science for Public Sector, Public Administration Training Management, Public Administration, Public and Development Sector Monitoring and Evaluation, Public Economics, Public Infrastructure, Public Labour Relations Management, Public Policy, Public Relations, Public Management and Governance, Public Management, Public Philosophy and Ethics, Public Policy, Public Sector Business Management, Public Sector Development Management, Public Sector Economics, Public Sector Logistics, Public Sector Quantitative Management, Security Management, Security Risk Management, Security Studies, Settlement Management, Traffic Safety Management, Transport Economics for Public Sector.

## Science

Actuarial Sciences, Aerospace Medicine, Agriculture, Air Quality Management, Analytical Environmental Chemistry, Anatomy, Anatomical Sciences, Applied Analysis, Applied Geology, Applied Mathematics, Applied Mineralogy, Applied Radiation Science, Applied Science, Applied Science in Chemistry, Applied Sciences (Civil, Control, Industrial Systems, Mechanics, Mechanical, Metallurgy, Mining Environment, Urban), Applied Statistics, Aquatic Resource Management, Astronomy Education, Astronomy, Astrophysics, Bio Diversity, Biochemistry, Bioinformatics, Biology, Biological Systems, Biomechanics, Biosystems, Biotechnology, Botany, Cartography, Cell Biology, Chemical Pathology, Chemical Science, Chemical Technology, Chemistry Education, Chemistry, Companion Animal Clinical Studies, Computational and Applied Mathematics, Conservation, Corrosion, Differential Equations and Modelling, Ecology and Planning, Earth Sciences, Electronics, Electrotechnics, Entomology, Environment and Society, Environmental Ecology, Environmental Economics, Environmental Education, Environmental Health, Environmental Management, Environmental Planning, Environmental Sciences, Environmental Technology, Epidemiology, Exercise and Sport Physiology, Exercise Science, Exploration,

Exploration Geophysics, Explosives Technology, Extraction Metallurgy, Financial Engineering, Fire Technology, Forensic Investigations, Forest Science, Genetics, Geography, Geoinformatics, Geographic Information Systems and Remote Sensing Applications, Geology, Geophysics, Geotechnics, Human Genetics, Human Molecular Biology, Human Physiology, Hydrogeology, Hydrology, Industrial Chemistry, Industrial Systems, Integrated Water Resource Management, Irrigation, Life Science Education, Life Sciences, Mammalogy, Marine Coastal Management, Mathematical Science, Mathematical Statistics, Mathematical Technology, Mathematics Education, Mathematics of Finance, Mathematics, Mechanics, Medical Biochemistry, Medical Microbiology, Medical Nuclear Science, Medical Physics, Medicinal Plant Science, Metallurgy, Meteorology, Microbiology and Plant Pathology, Microbiology, Mine Strata Control, Mineral Resource Management, Mining Environmental Control, Nanoscience, Nature Conservation, Oceanography, Operations Research, Petroleum Geology, Physical Science, Physics Education, Physics, Physiological Sciences, Physiology, Plant Biotechnology, Plant Pathology, Plant Physiology, Plant Science, Polymer Technology, Project Management in Science, Quality Assurance and Reliability, Radiobiology, Renewable Energy, Reproductive Biology, Resource Allocation Biology, Resource Conservation Biology, Risk Analysis, Ruminant Health, Science Education, Sport and Exercise Technology, Sports Science, Statistical Science, Statistics Education, Statistics, Structural Biology, Structural Materials, Structures, Systems and Conservation Evaluation, Technology Education, Technology Management, Transportation Planning, Water Care, Water Resources, Water Resource Management, Water Utilization, Zoology.

## Social Science

African-European Cultural Relations, Africa Studies, African Politics, African Studies, Ancient History, Ancient Languages and Cultures, Ancient Near Eastern Studies, Anthropology, Applied Ethics, Archaeology, Child and Youth Care, Classical Studies, Clinical Practice Social Work, Community Development, Community Work, Conflict Transformation and Management, Cultural History, Cultural Management, Culture Studies, Demography (Course Work), Development Sociology, Development Studies and Conflict Resolution, Diaconiology in Social Work, Diplomatic Studies, Diversity Studies, Employee Assistance Programmes, Ethics, Environment and Society, Folklore Studies, Future Studies, Gender Studies, Governance and Political Transformation, Health Demography, Health Sociology, Heritage and Cultural Management, Heritage and Museum Studies, Heritage Studies, Historical and Cultural Science, Historical Studies, History, HIV / AIDS Management, Human and Societal Dynamics, Industrial and Social Labour Studies, Industrial Sociology, Information Design (Course Work), Information Management, Information Science (Archival Science, Multimedia, Publishing), Information Science, Information Studies, Interdisciplinary Global Change Studies, International Management, International Politics, International Relations, Islamic Studies, Judaica, Labour and Economic Sociology, Labour Policy and Globalisation, Library and Information Studies, Library Science, Medical Science in Social Work, Medical Social Work, Migration and Displacement, Moral and Cultural Studies, Philosophy, Play-Based Intervention, Policy and Development, Political Philosophy, Policy Studies, Political Policy Studies, Political Science, Politics, Population Studies, Reconciliation and Social Cohesion, Rural Development, Security Studies, Social and Behaviour Studies, Social and Psychological Research, Social Behaviour Studies In HIV / AIDS, Social Development and Planning, Social Development and Policy, Social Health Care, Social Impact Assessment, Social Policy, Social Research, Social Science (Mental Health, Criminology, Clinical), Social Work (Play Therapy), Social Work Management, Social Work Welfare Policy, Social Work, Sociology, Strategic Studies, Workplace Ethics.

## Theology

Applied Theology, Biblical Studies, Bible Translation Management, Biblical Archaeology, Christian Spirituality, Church History, Church Ministry, Church Politics, Diaconiology in Missionary, Diaconiology in Play Therapy, Diaconiology in Youth Work, Divinity, Dogmatics and Christian Ethics, Missiology, New Testament Studies, Old Testament Studies, Pastoral Family Therapy, Practical Theology, Religious Studies, Science of Religion and Missiology, Systematic Theology, Theological Ethics, Theology, Youth Ministry.

## Veterinary Science

Anaesthesiology, Animal Human Ecosystem Health, Bovine Medicine, Bovine Health and Production, Cattle Herd Health, Clinical Laboratory Diagnostics, Companion Animal Clinical Studies, Diagnostic Imaging, Equine Medicine, Equine Surgery, Laboratory Animal Science, Ophthalmology, Paraclinical Sciences, Pathology, Pharmacology, Pig Herd Health, Poultry Diseases, Production Animal Studies, Reproduction, Ruminant Health, Small Animal Medicine, Small Animal Surgery, Small Stock Herd Health, Theriogenology, Toxicology, Tropical Animal Health, Tropical Diseases, Veterinary Anatomy and Physiology, Veterinary Epidemiology, Veterinary Ethology, Veterinary Industrial Pharmacology, Veterinary Public Health, Veterinary Reproduction, Veterinary Technology, Veterinary Tropical Diseases, Wildlife Diseases, Wildlife Health Ecology.


# Doctoral degrees

## Agriculture

Agrarian Extension, Agribusiness Management, Agricultural Economics, Agricultural Extension, Agricultural Management, Agriculture, Agrometeorology, Agronomy, Animal Production Management, Animal Production, Animal Science, Crop Protection, Environmental Economics, Food Science, Food Technology, Forestry, Forest Science, Game Ranch Management, Horticulture, Horticultural Science, Irrigation Management, Aland and Agrarian Studies, Land-Use Planning, Mechanized Agriculture, Ornamental Horticulture, Pasture Science, Plant Biotechnology, Plant Breeding, Plant Health

Ecology, Plant Nutrition, Plant Pathology, Plant Production, Plant Protection, Plant Science, Plant Quarantine, Rural Development, Soil Science, Sustainable Agriculture, Weed Science, Wildlife, Wildlife Management.

## Architecture and Built Environment

Architectural Technology, Architecture, Building, Construction Economics, Construction Management, Land and Property Development, Landscape Architecture, Property Science, Quantity Surveying, Surveying, Town and Regional Planning, Urban and Regional Planning, Urban Studies.

## Arts and Fine Arts

Arts Culture and Heritage Management, Art History, Ceramics Technology, Creative Production, Curatorial Practice, Dance, Design, Digital Arts, Drama, Drama and Theatre Art, Fashion, Film and Television, Film Studies, Fine Arts, Graphic Design, History of Art, Information Design, Interior Design, Literature and Philosophy in Art History, Literature and Philosophy in Musicology, Motion Picture Production, Music, Musicology, Performing Arts Technology, Photography, Rock Art, Visual Arts, Visual Studies, Visual and Performing Arts.

## Business and Management Sciences and Planning

Accounting Sciences, Accounting, Adventure Tourism Management, Applied Development Economics, Auditing, Business Administration, Business Information Systems, Business Leadership, Business Management, Business, Commerce, Cost and Management Accounting, Development Finance, Development Practice, Development Studies, Econometrics, Economic Sciences, Economics, Employment Relations, Entrepreneurship, Environmental Business Management, Environmental Economics, Financial Management Sciences, Food and Beverage Management, Food Service Management, Forensic Accountancy, Fraud Risk Management, Heritage and Culture Tourism, Human Resources Management, Information Management, Insurance Science, Internal Auditing, Labour Relations Management, Leadership, Leadership in Performance and Change, Logistics, Logistics Management, Marketing, Marketing Management, Marketing, Office Management and Technology, Operations Management, Operations Research, Organisational Behaviour, Organisational Leadership, Personal and Professional Leadership, Personnel Leadership, Production Management, Project Management, Public Affairs, Quantitative Management, Real Estate, Recreation and Sport Management, Rural Development and Ecotourism, Statistics, Taxation, Tourism and Hospitality Management, Tourism Management, Transport Economics.

## Computer Science, Information Technology and Information Sciences

Computer Science, Computer Systems, Computing, Informatics, Information Systems, Information and Communications Technology, Information Systems, Information Technology, Information Technology Management, Knowledge Management.

## Dentistry

Dental Technology, Dentistry, Forensic Dentistry, Maxillofacial radiology, Oral Medicine, Odontology Sciences, Orthodontics, Paediatric Dentistry, Periodontology, Restorative Dentistry.

## Education

Adult and Community Education and Training, Adult Education, Assessment and Quality Assurance, Comparative Education, Computer Assisted Education, Computer-Integrated Education, Curriculum and Instructional Design and Development, Curriculum Studies, Didactic Pedagogics, Didactics, Education Management, Education Policy Studies, Education, Educational Guidance and Counselling, Educational Law and Policy, History of Education, Inclusive Education, Learning Support Guidance and Counselling, Mathematics Education, Maximising Potential in Education and Training, Ortho-didactics, Ortho-pedagogics, Philosophy of Education, Preschool Pedagogics, Psychology of Education, Science Education, Socio-pedagogics, Tertiary Didactics.

## Engineering

Agricultural Engineering        , Chemical Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, Electronic Engineering, Engineering and Environment Geology, Engineering Management, Engineering Technology, Engineering, Environmental Engineering, Industrial Engineering, Manufacturing Engineering, Materials Engineering, Mechanical Engineering, Metallurgical Engineering, Mining Engineering, Polymer Engineering, Quality, Quality Management, Rural Engineering Technology, Systems Engineering, Technology Management, Transportation Engineering, Water Utilization Engineering.

## Family Ecology and Consumer Sciences

Clothing Management, Consumer Science Development, Food and Nutrition, Food Management, Food Service Management, International Merchandise Management, Nutrition, Settlement Studies, Textile Design and Technology.

## Health

Anaesthesia, Audiology, Biokinetics, Biomedical Informatics and translational medicine, Biomedical Technology, Chiropractic, Clinical Governance, Clinical Technology, Communication Pathology, Community Health, Diagnostic Radiology, Critical Care, Dietetics, Emergency Medical Care, Environmental Health, Epidemiology, General Health Sciences, Health Professions Education, Health Sciences, Health Sciences Education, Health Systems, HIV, Homoeopathy, Human Movement Science, Literature and Philosophy in Health Studies, Medical Laboratory Sciences, Medical Microbiology, Medical Physics, Medical Science, Medical Virology, Nursing Sciences, Nutrition, Occupational Therapy, Optometry, Paraclinical Sciences, Pharmaceutical Sciences, Pharmacology, Pharmacy, Pharmacy Practice, Philosophy in Nursing, Physiotherapy, Public Health, Radiography, Radiological Diagnostics, Radiological Therapy, Reproduction, Speech-Language Pathology, Somatology, Therapeutic Sciences.

## Languages, Journalism and Communication

African Languages, African Literature, Afrikaans, Afrikaans and Dutch,  Applied Languages, Applied Linguistics, Arabic, Augmentative and Alternative Communication, Business Communication, Classic Languages, Communication, Communication Science, Communication Management, Creative Writing, Digital Arts, English, Foreign Languages, French, German, Greek, Hebrew, Information Design, Interdisciplinary Digital Knowledge Studies, International Communication, Interpreting and Translation, Italian, Journalism, Language Practice, Language Studies, Latin, Linguistics, Literacy, Literary Theory, Literature and Philosophy, Literature, Media Studies, Modern Hebrew, Portuguese, Public Relations Management, Publications, Publishing, Russian, Semitic Languages, Sesotho, Siswati, South African Sign Language, Spanish, Strategic Communication, Translation Studies, Xhosa.

## Law

Administrative Law, Bioethics and Health Law, Civil Procedural Law, Company Law, Constitutional Law, Constitutional Theory, Criminal Law, Criminal Procedural Law, Human Rights, Indigenous Law, International Law, Interpretation of Statutes, Jurisprudence, Law, Law of Evidence, Legal History, Medical Law, Mercantile Law, Private International Law, Private Law, Procedural Law, Public Law, Roman Law, Social Security Law.

## Medicine

Aerospace Medicine, Anaesthesia, Anaesthesiology, Anatomy, Anatomical Pathology, Andrology, Chemical Microbiology and Infectious Deceases, Chemical Pathology, Clinical Microbiology and Infectious Diseases, Communication Pathology, Community Health, Dermatology, Diagnostic Radiology, Epidemiology, Facial and Oral Surgery, Family Medicine, Family Practice, Forensic Medicine, Forensic Pathology, Geriatrics, Haematology, Haematology and Molecular Medicine, Haematology, Human Physiology, Health Systems, Human Genetics, Immunology, Internal Medicine, Law State and Multilevel Government, Medical Clinical Sciences, Medical Immunology, Medical Microbiology, Medical Nuclear Science, Medical Oncology, Medical Science, Medicine, Neurology, Neurosurgery, Obstetrics and Gynaecology, Ophthalmology, Orthopaedics, Orthopaedic Surgery, Otorhinolaryngology, Oncology, Paediatrics, Pathology, Pharmacology, Plastic and Reconstructive Surgery, Psychiatry, Public Health, Radiological Diagnostics, Radiation Oncology, Reproduction and HIV, Reproductive Biology, Sports Medicine, Surgery, Thoracic Surgery, Transnational Criminal Justice, Urology, Virology.

## Psychology

Behavioural Genetics, Child Psychology, Clinical Psychology, Consulting Psychology, Educational Psychology, Industrial and Organisational Psychology, Psychology, Psychotherapy.

## Public Management and Services

Administration, African Politics, Business Economics, Business Management, Contact Centre Management, Criminal Justice, Criminology, Development Studies, Economics, Governance and Political Transformation, International Politics, International Relations, Labour Relations Management, Land Development, Municipal Administration, Penology, Police Science, Policing, Political Science, Public Administration, Public Affairs, Public Management, Public Policy and Development Management, Public Relations Management, Public Sector Accounting, Public Sector Auditing, Public Sector Statistics, Quantitative Management, Rural Development Planning, Settlement Studies, Tourism Management, Transport Economics.

## Science

Actuarial Science, Air Quality Management, Anatomical Sciences, Anatomy, Animal Plant and Environmental Sciences, Animal Sciences, Applied Mathematics, Applied Statistics, Archaeology, Astrophysics, Astronomy, Aquatic Health, Biodiversity and Conservation, Biology, Bio Systems, Biochemistry, Bioinformatics, Biomechanics, Bio-Statistics, Biotechnology, Botany, Chemical Technology, Chemistry, Computational and Applied Mathematics, Earth Science, Electricity, Electronics, Energy Studies, Engineering Geology, Entomology, Environmental Ecology, Environmental Economics, Environmental Education, Environmental Geography, Environmental Geology, Environmental Management, Environmental Rehabilitation, Environmental Sciences, Environmental Studies, Environmental Technology, Environment and Society, Exploration Geophysics, Explosives Technology, Extraction Metallurgy, Forensic Chemistry, Forensic Entomology, Forensic Genetics, Forensic Sciences, Genetics, Geochemistry, Geohydrology, Geo informatics, Geography, Geography Archaeology and Environmental Studies, Geology, Geosciences, Grassland Science, Human Physiology,

Hydrogeology, Industrial Systems, Life Sciences, Limnology, Material Science, Mathematical Sciences, Mathematical Statistics, Mathematics, Medical Bioscience, Medical Criminalistics, Medicinal Plant Science, Mechanics, Metallurgy and Materials, Metallurgy, Meteorology, Microbial Biotechnology, Microbiology and Plant Pathology, Microbiology, Mining, Molecular and Cell Biology, Nature Conservation, Nanoscience, Oceanography, Physiology, Plant Breeding, Plant Pathology, Plant Physiology, Plant Science, Polymer Science, Polymer Technology, Population Studies, Reproductive Biology (Andrology), Reproductive Biology, Science, Physics, Sport and Exercise Technology, Sport Science, Statistics and Actuarial Science, Statistics, Sustainable Ecological Management, Sustainable Insect Management, Technology Management, Technology, Textile Science, Water Care, Water Resource Management, Water Sciences, Water Utilization, Zoology.

## Social Science

African Politics, African Studies, Ancient Culture, Ancient History, Anthropology, Archaeology, Astronomy, Child and Family Studies, Classical Studies, Conflict Studies, Cultural History, Culture Studies, Curatorial Practice, Development Sociology, Diversity Studies, Demography and Population Studies, Environment and Society, Ethics, Folklore Studies, Gender Studies, Heritage and Museum Studies, Historical Studies, History of Ancient Culture, History, Humanities, Industrial Sociology, Information Design, Information Science, International Politics, International Relations, Labour and Economic Sociology, Leadership and Security Studies, Library and Information Studies, Library Science, Medical Ethics, Migration and Displacement, Mineral Resource Management, Near Eastern Studies, Philosophy, Political Science, Political Studies, Politics, Rural Development, Social Development, Social Development Professions, Social Science, Social Work, Sociology, Study of Islam, Women and Gender Studies.

## Theology

Biblical and Religious Studies, Biblical Studies, Christian Ethics, Christian Spirituality, Church History, Diaconiology in Missionary, Diaconiology in Play Therapy, Diaconiology in Social Work, Diaconiology in Youth Work, Divinity, Dogmatics, Judaica, Missiology, Modern Hebrew, New Testament Studies, Old Testament Studies, Old Testament, Pastoral Family Care, Practical Theology, Religious Studies, Science of Religion and Missiology, Science of Religious and Missiology Studies, Systematic Theology and Ethics, Systematic Theology, Theological Ethics, Theology, Youth Ministry.

## Veterinary Science

Anaesthesiology, Animal Clinical Studies, Clinical Laboratory Diagnostics, Companion Animal Clinical Studies, Bovine Health and Production, Clinical Laboratory Diagnostics, Equine Medicine, Equine Surgery, Imaging, Paraclinical Sciences, Laboratory Animal Science, Ophthalmology, Pathology, Pharmacology, Pig Herd Health, Poultry Diseases, Production Animal Studies, Reproduction, Small Animal Medicine, Small Animal Surgery, Small Stock Herd Health, Toxicology, Veterinary Anatomy and Physiology, Veterinary Public Health, Veterinary Technology, Veterinary Tropical Diseases, Wildlife Diseases.

# Appendix 4:

# Table of Figures